Name	Size
line for cooling down of catalyst in dependence of soak time	6x1
Injection Cutoff Pattern for Torque Reduction (4 Cylinde Engine)	4x1
threshold numbers of starts with fuel in oil for reduction LRA	1x1
max. numbers of starts for recognation of fuel in oil	1x1
codeword for ACCI	1x1
debounce time for ACC shut off request from monitoring level	1x1
codeword: configuartion of torque calculation	1x1
Correction coefficient for calculating compressor ?enthalpy at A/C ideal adiabatic(A term)	1x1
Correction coefficient for calculating compressor ?enthalpy at A/C ideal adiabatic(B term)	1x1
COMPR PR Compressor pulley ratio	1x1
Conversion coefficient of AC compressor torque external input	1x1
MAP for calculating Coefficient for A/C refrigerant flow quantity	8x3
Coefficient of AC control value current chatacteristic	1x1
Coefficient for calculating Fan status value.	1x1
Coefficient for torque calculation in the time of compressor MAX capacity (A term)	1x1
Coefficient for torque calculation in the time of compressor MAX capacity (B term)	1x1
correction term of torque calculation in the time of compressor MAX capacity	1x1
Correction term of outside temperature in the time of idle (A term)	1x1
correction term of torque calculation in the time of compressor MAX capacity	1x1
Correction term of outside temperature in the time of idle (A term)	1x1
Correction term of outside temperature in the time of idle (B term)	1x1
Correction coefficient for outside temperature in the time of idle (A term)	1x1
Correction coefficient for outside temperature in the time of idle (B term)	1x1
Coefficient for calculating Evaporator torque at Ps control valve(B term)	1x1
Coefficient for calculating Evaporator torque in the time of compressor MAX capacity (C term)	1x1
Coefficient for calculating torque at Pressure sensor control value	1x1
FALSE value	1x1
AC compressor selection switch	1x1
Calibration for Maximum AC compressor current	1x1
Table for Minimum refrigerant flow quantity	5x1
Outside temperature calculation permission enable value	1x1
AC compressor pressure coefficient	1x1
Correction term of AC control value current chatacteristic	1x1
Coefficient value of Fan 2.	1x1
Coefficient value of Fan.	1x1
TEST switch for AC compressor torque external input	1x1
Switch to select the Com message	1x1
switch AC torque via CAN	1x1
Codeword: Hard / soft load switch on of AC compressor	1x1
Selecatable conditions for torque offset functionality	1x1
Switch to select different temparatures	1x1
Map for calculating compressor enthalpy at AC ideal adiabatic	9x9
AC coolant saturation temperature table	9x1
Init calibration for AC off time	1x1
Map to determine Ramp up time depending on AC evaporator temparature and difference in pressure	7x7
Map to determine Ramp up time depending on AC evaporator temparature and AC off time	7x7
Map to determine Ramp down time depending on AC evaporator temparature and difference in pressure	7x7
Map to determine Ramp down time depending on AC evaporator temparature and AC off time	7x7
Coefficient for outside temperature calculation permission	1x1
Coefficient for outside temperature calculation preperation permission	1x1
Coefficient for outside temperature calculation permission	1x1
Coefficient for outside temperature calculation preperation permission	1x1
Turn Off Delay Time for Filtering AC reserve Torque when shutting of AC compressor	1x1
filter time for desired torque	1x1
filter time constant for downward ramping	1x1
filter time constant for UPward ramping	1x1
time for torque reserve active at soft AC load switch	1x1
Low threshold for outside air temperature	1x1
Threshold Outside air temparature above which replacement value is used	1x1
Map to determine offset torque	7x7
Torque estimate table at the time of the compressor volume control start	4x1
Correstion term for calculating torque estimated by Ps control value	1x1
dynamic torque	4x4
Limit maximum AC torque value	4x4
offset for start value for filter	1x1
static torque	4x4
Outside temperature calculation reduction value	1x1
Outside temperature calculation raise value	1x1
Alternative value at the time of outside temperature sensor failure.	1x1
Water temperature for outside temperature sensor judgment at the time of IGON.	1x1
Vehicle speed for ECONTAM control start permission	1x1
calibrateable delta for vehicle speed hysteresis	1x1
calibrateable median for vehicle speed hysteresis	1x1
Vehicle speed for change outside temperature	1x1
Factor for adjust or disable AccPed(MAP) depending accessory compensation	1x1
Factor for adjust or disable AccPed(MAP) depending accessory compensation	1x1
factor map for torque reduction depending on gear ratio from CVT in comfort mode	8x8
factor map for torque reduction depending on gear ratio from CVT in comfort mode	8x8
factor map for torque reduction depending on gear ratio from CVT in comfort mode	8x8
factor map for torque reduction depending on gear ratio from CVT in economy mode	8x8
factor map for torque reduction depending on gear ratio from CVT in economy mode	8x8
factor map for torque reduction depending on gear ratio from CVT in economy mode	8x8
factor map for torque reduction depending on gear ratio from CVT in economy mode	8x8
factor map for torque reduction depending on gear ratio from CVT in economy mode	8x8
factor map for torque reduction depending on gear ratio from CVT in normal mode	8x8
factor map for torque reduction depending on gear ratio from CVT in normal mode	8x8
factor map for torque reduction depending on gear ratio from CVT in normal mode	8x8
factor map for torque reduction depending on gear ratio from CVT in snow mode	8x8
factor map for torque reduction depending on gear ratio from CVT in snow mode	8x8
factor map for torque reduction depending on gear ratio from CVT in snow mode	8x8
factor map for torque reduction depending on gear ratio from CVT in sports mode	8x8
factor map for torque reduction depending on gear ratio from CVT in sports mode	8x8
factor map for torque reduction depending on gear ratio from CVT in sports mode	8x8
Maximum engine speed in case of accelerator pedal error	1x1
Minimum engine speed in case of accelerator pedal brake implausibility	1x1
Minimum engine speed in case of accelerator pedal error and trodden brake	1x1
Minimum engine speed in case of accelerator pedal error and brake not applied	1x1
upper hysteresis threshold for accelerator pedal debouncing	1x1
upper hysteresis threshold for accelerator pedal debouncing	1x1
lower hysteresis threshold for accelerator pedal debouncing	1x1
lower hysteresis threshold for accelerator pedal debouncing	1x1
Codeword: vehicle equipped with CVT	1x1
Codeword: vehicle equipped with CVT	1x1

Codeword: vehicle equipped with CVT	1x1
Drive mode selection switch	1x1
Drive mode selection switch	1x1
Drive mode selection switch	1x1
Drive mode selection switch	1x1
Switch to active PT1 filter	1x1
Switch to active PT1 filter	1x1
Switch to active PT1 filter	1x1
Filter time constant, gear depending	11x1
Filter time constant, gear depending	11x1
Filter time constant, gear depending	11x1
Time in which the ramping between the drive modes shall happen, gear depending	11x1
Time in which the ramping between the drive modes shall happen, gear depending	11x1
Time in which the ramping between the drive modes shall happen, gear depending	11x1
Time period within which ramping of torque during drive mode change should be finished	1x1
Time period within which ramping of torque during drive mode change should be finished	1x1
Driver demanded pull torque for CVT transmission in comfort mode	16x16
Driver demanded pull torque for CVT transmission in comfort mode	16x16
Driver demanded pull torque for CVT transmission in comfort mode	16x16
Comfort mode gear1 engine demand map	16x16
Comfort mode gear1 engine demand map	16x16
Comfort mode gear1 engine demand map	16x16
Comfort mode gear2 engine demand map	16x16
Comfort mode gear2 engine demand map	16x16
Comfort mode gear2 engine demand map	16x16
Comfort mode gear3 engine demand map	16x16
Comfort mode gear3 engine demand map	16x16
Comfort mode gear3 engine demand map	16x16
Comfort mode gear4 engine demand map	16x16
Comfort mode gear4 engine demand map	16x16
Comfort mode gear4 engine demand map	16x16
Comfort mode gear5 engine demand map	16x16
Comfort mode gear5 engine demand map	16x16
Comfort mode gear5 engine demand map	16x16
Comfort mode gear6 engine demand map	16x16
Comfort mode gear6 engine demand map	16x16
Comfort mode gear6 engine demand map	16x16
Comfort mode gear7 engine demand map	16x16
Comfort mode gear7 engine demand map	16x16
Comfort mode gear7 engine demand map	16x16
Comfort mode gear8 engine demand map	16x16
Comfort mode gear8 engine demand map	16x16
Comfort mode gear8 engine demand map	16x16
Comfort mode gear9 engine demand map	16x16
Comfort mode gear9 engine demand map	16x16
Comfort mode gear9 engine demand map	16x16
Driver demanded pull torque for CVT transmission in economy mode	16x16
Driver demanded pull torque for CVT transmission in economy mode	16x16
Driver demanded pull torque for CVT transmission in economy mode	16x16
Economy mode gear1 engine demand map	16x16
Economy mode gear1 engine demand map	16x16
Economy mode gear1 engine demand map	16x16
Economy mode gear1 engine demand map	16x16
Economy mode gear2 engine demand map	16x16
Economy mode gear2 engine demand map	16x16
Economy mode gear2 engine demand map	16x16
Economy mode gear3 engine demand map	16x16
Economy mode gear3 engine demand map	16x16
Economy mode gear3 engine demand map	16x16
Economy mode gear4 engine demand map	16x16
Economy mode gear4 engine demand map	16x16
Economy mode gear4 engine demand map	16x16
Economy mode gear5 engine demand map	16x16
Economy mode gear5 engine demand map	16x16
Economy mode gear5 engine demand map	16x16
Economy mode gear6 engine demand map	16x16
Economy mode gear6 engine demand map	16x16
Economy mode gear6 engine demand map	16x16
Economy mode gear7 engine demand map	16x16
Economy mode gear7 engine demand map	16x16
Economy mode gear7 engine demand map	16x16
Economy mode gear8 engine demand map	16x16
Economy mode gear8 engine demand map	16x16
Economy mode gear8 engine demand map	16x16
Economy mode gear9 engine demand map	16x16
Economy mode gear9 engine demand map	16x16
Economy mode gear9 engine demand map	16x16
Threshold for detect the output reaches the input of the PT1 filter	1x1
Threshold for detect the output reaches the input of the PT1 filter	1x1
Threshold for detect the output reaches the input of the PT1 filter	1x1
Minimum torque difference for ramping of torque during drive mode change to be activated	1x1
Minimum torque difference for ramping of torque during drive mode change to be activated	1x1
Minimum torque difference for ramping of torque during drive mode change to be activated	1x1
Driver demanded torque map for reverse gear in Comfort mode	16x16
Driver demanded torque map for reverse gear in Comfort mode	16x16
Driver demanded torque map for reverse gear in Economy mode	16x16
Driver demanded torque map for reverse gear in Economy mode	16x16
Driver demanded torque map for reverse gear in Normal Mode	16x16
Driver demanded torque map for reverse gear in Normal Mode	16x16
Driver demanded torque map for reverse gear in Snow Mode	16x16
Driver demanded torque map for reverse gear in Snow Mode	16x16
Driver demanded torque map for reverse gear in Sport Mode	16x16
Driver demanded torque map for reverse gear in Sport Mode	16x16
Driver demanded torque map for reverse gear for Manual Transmission	16x16
Driver demanded torque map for reverse gear for Manual Transmission	16x16
Driver demanded pull torque for CVT transmission in normal mode	16x16
Driver demanded pull torque for CVT transmission in normal mode	16x16
Driver demanded pull torque for CVT transmission in normal mode	16x16
Normal mode gear1 engine demand map	16x16
Normal mode gear1 engine demand map	16x16

Normal mode gear1 engine demand map	16x16
Normal mode gear2 engine demand map	16x16
Normal mode gear2 engine demand map	16x16
Normal mode gear2 engine demand map	16x16
Normal mode gear3 engine demand map	16x16
Normal mode gear3 engine demand map	16x16
Normal mode gear3 engine demand map	16x16
Normal mode gear4 engine demand map	16x16
Normal mode gear4 engine demand map	16x16
Normal mode gear4 engine demand map	16x16
Normal mode gear5 engine demand map	16x16
Normal mode gear5 engine demand map	16x16
Normal mode gear5 engine demand map	16x16
Normal mode gear6 engine demand map	16x16
Normal mode gear6 engine demand map	16x16
Normal mode gear6 engine demand map	16x16
Normal mode gear7 engine demand map	16x16
Normal mode gear7 engine demand map	16x16
Normal mode gear7 engine demand map	16x16
Normal mode gear8 engine demand map	16x16
Normal mode gear8 engine demand map	16x16
Normal mode gear8 engine demand map	16x16
Normal mode gear8 engine demand map	16x16
Normal mode gear9 engine demand map	16x16
Normal mode gear9 engine demand map	16x16
Normal mode gear9 engine demand map	16x16
Driver demanded pull torque for CVT transmission in snow mode	16x16
Driver demanded pull torque for CVT transmission in snow mode	16x16
Driver demanded pull torque for CVT transmission in snow mode	16x16
Snow mode gear1 engine demand map	16x16
Snow mode gear1 engine demand map	16x16
Snow mode gear1 engine demand map	16x16
Snow mode gear2 engine demand map	16x16
Snow mode gear2 engine demand map	16x16
Snow mode gear2 engine demand map	16x16
Snow mode gear3 engine demand map	16x16
Snow mode gear3 engine demand map	16x16
Snow mode gear3 engine demand map	16x16
Snow mode gear4 engine demand map	16x16
Snow mode gear4 engine demand map	16x16
Snow mode gear4 engine demand map	16x16
Snow mode gear5 engine demand map	16x16
Snow mode gear5 engine demand map	16x16
Snow mode gear5 engine demand map	16x16
Snow mode gear6 engine demand map	16x16
Snow mode gear6 engine demand map	16x16
Snow mode gear6 engine demand map	16x16
Snow mode gear7 engine demand map	16x16
Snow mode gear7 engine demand map	16x16
Snow mode gear7 engine demand map	16x16
Snow mode gear8 engine demand map	16x16
Snow mode gear8 engine demand map	16x16
Snow mode gear8 engine demand map	16x16
Snow mode gear9 engine demand map	16x16
Snow mode gear9 engine demand map	16x16
Snow mode gear9 engine demand map	16x16
Driver demanded pull torque for CVT transmission in sport mode	16x16
Driver demanded pull torque for CVT transmission in sport mode	16x16
Driver demanded pull torque for CVT transmission in sport mode	16x16
Sport mode gear1 engine demand map	16x16
Sport mode gear1 engine demand map	16x16
Sport mode gear1 engine demand map	16x16
Sport mode gear2 engine demand map	16x16
Sport mode gear2 engine demand map	16x16
Sport mode gear2 engine demand map	16x16
Sport mode gear3 engine demand map	16x16
Sport mode gear3 engine demand map	16x16
Sport mode gear3 engine demand map	16x16
Sport mode gear4 engine demand map	16x16
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Sport mode gear4 engine demand map	16x16
Sport mode gear5 engine demand map	16x16
Sport mode gear5 engine demand map	16x16
Sport mode gear5 engine demand map	16x16
Sport mode gear6 engine demand map	16x16
Sport mode gear6 engine demand map	16x16
Sport mode gear6 engine demand map	16x16
Sport mode gear7 engine demand map	16x16
Sport mode gear7 engine demand map	16x16
Sport mode gear7 engine demand map	16x16
Sport mode gear8 engine demand map	16x16
Sport mode gear8 engine demand map	16x16
Sport mode gear8 engine demand map	16x16
Sport mode gear9 engine demand map	16x16
Sport mode gear9 engine demand map	16x16
Sport mode gear9 engine demand map	16x16
Maximum wheel torque in case of accelerator pedal error	1x1
Mode 1 gear1 engine demand map	16x16
Mode 1 gear1 engine demand map	16x16
Mode 1 gear1 engine demand map	16x16
Mode 1 gear2 engine demand map	16x16
Mode 1 gear2 engine demand map	16x16
Mode 1 gear2 engine demand map	16x16
Mode 1 gear3 engine demand map	16x16
Mode 1 gear3 engine demand map	16x16
Mode 1 gear3 engine demand map	16x16
Mode 1 gear4 engine demand map	16x16
Mode 1 gear4 engine demand map	16x16
Mode 1 gear4 engine demand map	16x16
Mode 1 gear5 engine demand map	16x16

Mode 1 gear5 engine demand map	16x16
Mode 1 gear5 engine demand map	16x16
Mode 1 gear6 engine demand map	16x16
Mode 1 gear6 engine demand map	16x16
Mode 1 gear6 engine demand map	16x16
Mode 1 gear7 engine demand map	16x16
Mode 1 gear7 engine demand map	16x16
Mode 1 gear8 engine demand map	16x16
Mode 1 gear8 engine demand map	16x16
Mode 1 gear9 engine demand map	16x16
Mode 1 gear9 engine demand map	16x16
Mode2 gear1 engine demand map	16x16
Mode2 gear1 engine demand map	16x16
Mode2 gear1 engine demand map	16x16
Mode2 gear2 engine demand map	16x16
Mode2 gear2 engine demand map	16x16
Mode2 gear2 engine demand map	16x16
Mode2 gear3 engine demand map	16x16
Mode2 gear3 engine demand map	16x16
Mode2 gear3 engine demand map	16x16
Mode2 gear4 engine demand map	16x16
Mode2 gear4 engine demand map	16x16
Mode2 gear4 engine demand map	16x16
Mode2 gear4 engine demand map	16x16
Mode2 gear5 engine demand map	16x16
Mode2 gear5 engine demand map	16x16
Mode2 gear5 engine demand map	16x16
Mode2 gear6 engine demand map	16x16
Mode2 gear6 engine demand map	16x16
Mode2 gear6 engine demand map	16x16
Mode 2 gear7 engine demand map	16x16
Mode 2 gear7 engine demand map	16x16
Mode 2 gear8 engine demand map	16x16
Mode 2 gear8 engine demand map	16x16
Mode 2 gear9 engine demand map	16x16
Mode 2 gear9 engine demand map	16x16
Driver demanded torque map for reverse gear	16x16
Driver demanded torque map for reverse gear	16x16
AC compressor control current correction value	1x1
AC torque down control value correction factor	1x1
Calibration for AC cut request during Automatic transmission	1x1
AC Torque down request logic disable	1x1
Enabling engine speed condition for AC cut condition	1x1
AC switch status and AC shut off condition for AC control mask	1x1
Calibration for switch AC torque	1x1
AC Compressor control current upper value	1x1
Max speed of AC compressor	1x1
High Engine speed AC cut threshold	1x1
Engine speed threshold high for high engine temperature AC shut off	1x1
Low engine speed AC shut off deactivation threshold	1x1
Engine speed threshold high for towing AC shut off	1x1
Engine speed threshold low for high engine temperature AC shut off	1x1
Low engine speed AC shut off activation threshold	1x1
Engine speed threshold low for towing AC shut off	1x1
Idle speed request	1x1
Curve for converting the status of AC cut to AC cut permission count at the time of ECON OFF	9x1
Curve for converting the status of AC cut to AC cut permission count at the time of ECON ON	9x1
upper threshold for maximum AC coolant pressure to disengage immediately	1x1
lower threshold for maximum AC coolant pressure to disengage immediately	1x1
upper threshold for minimum AC coolant pressure to disengage immediately	1x1
lower threshold for minimum AC coolant pressure to disengage immediately the AC compressor	1x1
AC torque down pressure correction value	1x1
AC pressure down correction value	1x1
AC shut off time threshold calculated by AC pressure	3x1
Ratio to determain AC capacity druing the Accelerator pedel opening	1x1
Ratio Accelerator pedel down threshold for AC capactiy	1x1
Acceleration pedal position threshold high for hill climbing AC shut off condition	1x1
Acceleration pedal position threshold low for hill climbing AC shut off condition	1x1
Acceleration pedal threshold high for Vehicle start AC shut off	3x1
lower threshold pedal position	1x1
Acceleration pedal threshold middle for Vehicle start AC shut off	3x1
Ratio of Accelerator pedel threshold to reset the timer	1x1
Ratio of Crank pulley diameter to compressor pulley diameter	1x1
AC cut off condition mask	1x1
Deceleration AC control changeover switch	1x1
Calibration for Deceleration AC CUT demand	1x1
AC switch state for AC control mask	1x1
Codeword: Compressor without ECU / Compressor with ECU	1x1
HTRCORE software switch.	1x1
Switch: Activation of AC torque reserve	1x1
Engine temperature threshold high for high engine temperature AC shut off	1x1
Engine temperature threshold high for towing AC shut off	1x1
Engine temperature threshold high for high engine temperature AC shut off	1x1
Engine temperature threshold high for towing AC shut off	1x1
Engine temperature threshold high for low engine temperature AC shut off	1x1
Engine temperature threshold low for towing AC shut off	1x1
curve for converting the AC dial input to high side AC temperature.	13x1
curve for converting the AC dial input to low side AC temperature.	13x1
Evaporator temperature threshold high for AC shut off	1x1
Evaporator temperature threshold low for AC shut off	1x1
Evaporator sensor short temperature	1x1
AC compressor Torque Request time	7x1
AC capacity down implemetion timer	1x1
Buffer time for acceleration pedal position calculation	1x1
Maximum AC torque reduction time for Engine torque down request torque	1x1
AC pressure off delay	1x1
Delay time for AC torque when the immediately AC shut off	1x1
AC off for setting the delay time for ACCtl_trqMaxAC used application	1x1
AC ON delay timer during and after gear shifting	1x1
Delay time for idle up start	1x1
debounce time for idle speed request	1x1
Time delay for AC ON	1x1

Hill climbing AC shut off activation delay time	1x1
AC shut off time after engine start	1x1
Low engine speed AC shut off recovery delay time	1x1
AC clutch on delay time at evaporator sensor short	1x1
AC clutch off delay time at evaporator sensor short	1x1
AC cut permission inhibit time at the time of AC ON.	1x1
AC cut permission inhibit time	1x1
Delay time for ACCtl_bOut when the immediately AC shut off	1x1
Delay time for ACCtl_bOut	1x1
AC On delay time for vehicle start AC cut off condition	1x1
Vehicle start AC shut off time for high acceleration	1x1
Vehicle start AC shut off time for middle acceleration	1x1
delay time for torque reserve build up before AC compressor engagement	1x1
AC compressor request torque during Accelerator pedel opening	10x1
AC torque down value during deceleration	1x1
AC torque limit for shutoff condition	1x1
AC Maximum torque cranshaft during engine speed end	1x1
maximal torque default for AC disposition	1x1
Lower vehicle speed theshold for AC capactiy	1x1
Upper vehicle speed theshold for AC capactiy	1x1
Higher threshold for vehicle speed for AC cut condition	1x1
Lower threshold for vehicle speed for AC cut condition	1x1
Vehicle speed threshold high for hill climbing AC shut off condition	1x1
Vehicle speed threshold low for hill climbing AC shut off condition	1x1
Vehicle speed threshold high for high engine temperature AC shut off	1x1
Vehicle speed threshold low for high engine temperature AC shut off	1x1
Vehicle speed threshold high for vehicle start AC shut off inhibit condition	1x1
Vehicle speed threshold low for vehicle start AC shut off inhibit condition	1x1
Calibration for desired acceleration from ACC	1x1
Calibration for ACC is active	1x1
Calibration for ACC message was received	1x1
Parameter for desired wheel torque from ACC	1x1
Structure for Physical Range Check for AC Evaporator temperature / Minimum threshold for the Sensed value.	1x1
Structure for Physical Range Check for AC Evaporator temperature / Maximum threshold for the Sensed value.	1x1
Structure to hold the SRC thresholds / Threshold for SRC -Min detection	1x1
Structure to hold the SRC thresholds / Threshold for SRC -Max detection	1x1
Calibration variable:To get the particular bit position value of the BasSvrAppl_swtCodAC variable	1x1
Switch to check whether the ac Evaporator temperature sensor is present or not	1x1
Signal Selection (ADC or CAN) in the presence of the sensor	1x1
Calibration to check BCAN errors	1x1
Default Calibration in case of CAN errors	1x1
Default ac Evaporator temperature when there is sensor error	1x1
Calibration to check FCAN errors	1x1
Turn on Delay time to receive CAN signal	1x1
Transformation curve for AC evaporator sensor voltage to temperature	10x1
Default value for the raw voltage of ACEvpT when the sensor is not present	1x1
Number of allowed filler cap checks with result filler cap open	1x1
AC switch debounce enable parameter	1x1
High to low debounce time for AC switch status	1x1
Low to high debounce time for AC switch status	1x1
ACTR_TST_BPA_ATS_ATS.LimitTypeMsk_C	1x1
ACTR_TST_BPA_ATS_ATS.CnvNorm_C	1x1
ACTR_TST_BPA_ATS_ATS.LowLim_C	1x1
ACTR_TST_BPA_ATS_ATS.UpLim_C	1x1
ACTR_TST_BPA_ATS_ATS.CnvFac_C	1x1
ACTR_TST_BPA_ATS_ATS.CnvOfs_C	1x1
ACTR_TST_BPA_ATS_ATS.DfltVal_C	1x1
ACTR_TST_CASCTLIN1_ATS_ATS.LimitTypeMsk_C	1x1
ACTR_TST_CASCTLIN1_ATS_ATS.CnvNorm_C	1x1
ACTR_TST_CASCTLIN1_ATS_ATS.LowLim_C	1x1
ACTR_TST_CASCTLIN1_ATS_ATS.UpLim_C	1x1
ACTR_TST_CASCTLIN1_ATS_ATS.CnvFac_C	1x1
ACTR_TST_CASCTLIN1_ATS_ATS.CnvOfs_C	1x1
ACTR_TST_CASCTLIN1_ATS_ATS.DfltVal_C	1x1
ACTR_TST_CASCTLIN2_ATS_ATS.LimitTypeMsk_C	1x1
ACTR_TST_CASCTLIN2_ATS_ATS.CnvNorm_C	1x1
ACTR_TST_CASCTLIN2_ATS_ATS.LowLim_C	1x1
ACTR_TST_CASCTLIN2_ATS_ATS.UpLim_C	1x1
ACTR_TST_CASCTLIN2_ATS_ATS.CnvFac_C	1x1
ACTR_TST_CASCTLIN2_ATS_ATS.CnvOfs_C	1x1
ACTR_TST_CASCTLIN2_ATS_ATS.DfltVal_C	1x1
ACTR_TST_CASCTLOUT1_ATS_ATS.LimitTypeMsk_C	1x1
ACTR_TST_CASCTLOUT1_ATS_ATS.CnvNorm_C	1x1
ACTR_TST_CASCTLOUT1_ATS_ATS.LowLim_C	1x1
ACTR_TST_CASCTLOUT1_ATS_ATS.UpLim_C	1x1
ACTR_TST_CASCTLOUT1_ATS_ATS.CnvFac_C	1x1
ACTR_TST_CASCTLOUT1_ATS_ATS.CnvOfs_C	1x1
ACTR_TST_CASCTLOUT1_ATS_ATS.DfltVal_C	1x1
ACTR_TST_CASCTLOUT2_ATS_ATS.LimitTypeMsk_C	1x1
ACTR_TST_CASCTLOUT2_ATS_ATS.CnvNorm_C	1x1
ACTR_TST_CASCTLOUT2_ATS_ATS.LowLim_C	1x1
ACTR_TST_CASCTLOUT2_ATS_ATS.UpLim_C	1x1
ACTR_TST_CASCTLOUT2_ATS_ATS.CnvFac_C	1x1
ACTR_TST_CASCTLOUT2_ATS_ATS.CnvOfs_C	1x1
ACTR_TST_CASCTLOUT2_ATS_ATS.DfltVal_C	1x1
ACTR_TST_CP_ATS_ATS.LimitTypeMsk_C	1x1
ACTR_TST_CP_ATS_ATS.CnvNorm_C	1x1
ACTR_TST_CP_ATS_ATS.LowLim_C	1x1
ACTR_TST_CP_ATS_ATS.UpLim_C	1x1
ACTR_TST_CP_ATS_ATS.CnvFac_C	1x1
ACTR_TST_CP_ATS_ATS.CnvOfs_C	1x1
ACTR_TST_CP_ATS_ATS.DfltVal_C	1x1
ACTR_TST_DUV_ATS_ATS.LimitTypeMsk_C	1x1
ACTR_TST_DUV_ATS_ATS.CnvNorm_C	1x1
ACTR_TST_DUV_ATS_ATS.LowLim_C	1x1
ACTR_TST_DUV_ATS_ATS.UpLim_C	1x1
ACTR_TST_DUV_ATS_ATS.CnvFac_C	1x1
ACTR_TST_DUV_ATS_ATS.CnvOfs_C	1x1
ACTR_TST_DUV_ATS_ATS.DfltVal_C	1x1

ACTR_TST_ENGMR_ATS_ATS.LimitTypeMsk_C	1x1
ACTR_TST_ENGMR_ATS_ATS.CnvNorm_C	1x1
ACTR_TST_ENGMR_ATS_ATS.LowLim_C	1x1
ACTR_TST_ENGMR_ATS_ATS.UpLim_C	1x1
ACTR_TST_ENGMR_ATS_ATS.CnvFac_C	1x1
ACTR_TST_ENGMR_ATS_ATS.CnvOfs_C	1x1
ACTR_TST_ENGMR_ATS_ATS.DfltVal_C	1x1
ACTR_TST_LEAKDETPMP_ATS_ATS.LimitTypeMsk_C	1x1
ACTR_TST_LEAKDETPMP_ATS_ATS.CnvNorm_C	1x1
ACTR_TST_LEAKDETPMP_ATS_ATS.LowLim_C	1x1
ACTR_TST_LEAKDETPMP_ATS_ATS.UpLim_C	1x1
ACTR_TST_LEAKDETPMP_ATS_ATS.CnvFac_C	1x1
ACTR_TST_LEAKDETPMP_ATS_ATS.CnvOfs_C	1x1
ACTR_TST_LEAKDETPMP_ATS_ATS.DfltVal_C	1x1
ACTR_TST_SCV_ATS_ATS.LimitTypeMsk_C	1x1
ACTR_TST_SCV_ATS_ATS.CnvNorm_C	1x1
ACTR_TST_SCV_ATS_ATS.LowLim_C	1x1
ACTR_TST_SCV_ATS_ATS.UpLim_C	1x1
ACTR_TST_SCV_ATS_ATS.CnvFac_C	1x1
ACTR_TST_SCV_ATS_ATS.CnvOfs_C	1x1
ACTR_TST_SCV_ATS_ATS.DfltVal_C	1x1
ACTR_TST_THRVLV_ATS_ATS.LimitTypeMsk_C	1x1
ACTR_TST_THRVLV_ATS_ATS.CnvNorm_C	1x1
ACTR_TST_THRVLV_ATS_ATS.LowLim_C	1x1
ACTR_TST_THRVLV_ATS_ATS.UpLim_C	1x1
ACTR_TST_THRVLV_ATS_ATS.CnvFac_C	1x1
ACTR_TST_THRVLV_ATS_ATS.CnvOfs_C	1x1
ACTR_TST_THRVLV_ATS_ATS.DfltVal_C	1x1
Number of driving cycles for pre-ignition	1x1
Number of driving cycles for pre-ignition as substitution of cut off	1x1
Number of driving cycle to reset longterm statistic counters	1x1
Adc_idxSTRMONIA_C	1x1
Calibration for add on heater detection status	1x1
Maximal absolute difference between filtered and unfiltered desired boost pressure for which the I part is not locked	1x1
number of io results for detection of working system	1x1
number of io results for detection of working system	1x1
number of io results for detection of working system	1x1
min. threshold value for adtesspnio	1x1
min. threshold value for adtesspnio	1x1
min. threshold value for adtesspnio	1x1
Curve for number of demanded fuel cut off at pre-ignition	6x1
debounce counter fuel tank conditions	1x1
Number of misfire at which the emission limit is exceeded	1x1
Number of misfire at which the emission limit is exceeded in the first emission interval	1x1
Number of misfire at which the emission limit is exceeded in the first emission interval with catalyst heating	1x1
Number of misfire at which other functions will be stopped	1x1
misfire frequency per bank at which fuel cutoff occures	1x1
misfire frequency at which catalyst damage occurs during first interval	1x1
misfire frequency at which catalyst damage occures	1x1
Number of cat-damaging intervalls for injection cutoff	8x1
AirCCmpr_ATS.LimitTypeMsk_C	1x1
AirCCmpr_ATS.CnvNorm_C	1x1
AirCCmpr_ATS.LowLim_C	1x1
AirCCmpr_ATS.UpLim_C	1x1
AirCCmpr_ATS.CnvFac_C	1x1
AirCCmpr_ATS.CnvOfs_C	1x1
AirCCmpr_ATS.DfltVal_C	1x1
The structure which contains parameter for the error handling of the digital output driver stage for the compressor control signal / Time between tests for SCB error	1x1
The structure which contains parameter for the error handling of the digital output driver stage for the compressor control signal / Time between tests for OT error	1x1
The structure which contains parameter for the error handling of the digital output driver stage for the compressor control signal / Maximum number of tests allowed on permanent defect	1x1
Lower limit for the engine speed above which a plausibility check for AC coolant pressure is valid	1x1
Curve for transformation of ADC voltage to sensed value of AC coolant pressure	16x1
Default substitute value for the AC coolant pressure in case of errors	1x1
Slope of transition ramp to default value in case of an error / Slope if the ramp has to be increased	1x1
Slope of transition ramp to default value in case of an error / negative ramp slope	1x1
Status for deactivation of the power stage diagnostics	1x1
Status for activation of the power stage	1x1
Code word for the selection of compressor type	1x1
Default value for AC switch in case of errors	1x1
Selection switch for AC pressure error diagnosis	1x1
Lower limit for the environment temperature above which a plausibility check for AC coolant pressure is valid	1x1
AC coolant pressure PT1 filter constant	1x1
Transstage structure for AC coolant pressure / Fixed replacement value	1x1
Transstage structure for AC coolant pressure / Sensor Id word	1x1
Minimum value of the compressor torque.	1x1
Threshold for the SRC Max error in AC coolant pressure sensor	1x1
Threshold for SRC Min error in AC coolant pressure sensor	1x1
Parameter for counter to delay the flag AirMod_flgChrgPrdnDesVlvLft	1x1
char. line efficiency of intercooler for air temperature model	4x1
Filter time constant of Mass flow scavenged from combustion chamber to exhaust manifold	5x1
Interpolation factor between engine and ambiente temperature for modeling of coolant temperature air intercooler in intake manifold with running pump	1x1
char. line factor heating over compressor	8x1
Threshold for the charge delta to delay the AirMod_flgChrgPrdnDesVlvLft	1x1
filter time for efficiency of intercooler for dynamic adaption between mass flow and temperature sensor	1x1
filter time for modelled air temperature downstream of charger	1x1
Time threshold of charge determination for start based on p-system	1x1
AltIO_ATS.LimitTypeMsk_C	1x1
AltIO_ATS.CnvNorm_C	1x1
AltIO_ATS.LowLim_C	1x1
AltIO_ATS.UpLim_C	1x1
AltIO_ATS.CnvFac_C	1x1
AltIO_ATS.CnvOfs_C	1x1
AltIO_ATS.DfltVal_C	1x1
Threshold for engine speed for diagnosis for ACG system voltage Low,High	1x1
Threshold value for engine speed in detecting ACG disconnection	1x1
Threshold value for engine speed in detecting ACG electric or mechanical fault	1x1
Threshold value for engine speed in detecting ACG high temperature fault	1x1
Higher threshold for filtered value of ACG field duty cycle	1x1
Lower threshold for filtered value of ACG field duty cycle	1x1

Delay time to turn ON battery charge lamp since engine speed eslapses threshold value.	1x1
Filter time constant for Alternator Duty cycle ACG generation	1x1
Delay time to turn off battery charge lamp after no error in ACG.	1x1
Time between ignition ON until LIN communication established.	1x1
default for load response time	1x1
Threshold voltage for System voltage High detection	1x1
Threshold voltage for System voltage Low detection	1x1
Lower threshold for ECU Voltage in detecting ACG disconnection	1x1
Threshold for ACG Output control request voltage in detecting ACG disconnection	1x1
Calibration for Measured alternator voltage	1x1
Upper limit of vehicle deceleration for DECLOAD mode	1x1
Lower limit of vehicle deceleration for DECLOAD mode	1x1
Curve representing relationship between battery SOC and current	10x1
Alternator torque correction by coolant temperature	4x1
Alternator torque time correction since engine is at normal state	4x1
Higher Factor for decrement of setpoint alternator voltage depending on the difference between measured and setpoint battery current when alternator speed is high	1x1
Lower Factor for decrement of setpoint alternator voltage depending on the difference between measured and setpoint battery current when alternator speed is not high	1x1
Higher Factor for increment of setpoint alternator voltage depending on the difference between measured and setpoint battery current when alternator speed is high	1x1
Lower Factor for increment of setpoint alternator voltage depending on the difference between measured and setpoint battery current when alternator speed is not high	1x1
Calibration Specifying the pulley ration between Engine and alternator	1x1
Higher Factor for decrement of setpoint alternator voltage depending on the difference between measured and maximum battery voltage when alternator speed is high	1x1
Lower Factor for decrement of setpoint alternator voltage depending on the difference between measured and maximum battery voltage when alternator speed is not high	1x1
Higher Factor for increment of setpoint alternator voltage depending on the difference between measured and minimum battery voltage when alternator speed is high	1x1
Lower Factor for increment of setpoint alternator voltage depending on the difference between measured and minimum battery voltage when alternator speed is not high	1x1
Parameter to enable ERROR mode in the state machine	1x1
Map for maximum battery current limit	8x1
Map for minimum battery current limit	8x1
Test value of setpoint battery current in controller	1x1
Battery current depending on delta state of charge	10x1
Alternator excitation limitation	1x1
Maximum allowed difference between measured and setpoint battery current to allow decrement of setpoint alternator voltage	1x1
Maximum allowed difference between measured and setpoint battery current to allow increment of setpoint alternator voltage	1x1
Alternator load response cutoff speed	1x1
Maximum alternator speed limit	1x1
Minimum alternator speed limit	1x1
Upper threshold of Engine speed for IDLE mode.	1x1
Lower threshold of Engine speed for IDLE mode.	1x1
Upper limit of engine speed to disable Recuperation mode	1x1
Lower limit of engine speed to disable Recuperation mode	1x1
ID of alternator supplier	1x1
ID of alternator	1x1
ID of regulator used on alternator	1x1
Engine speed threshold for alternator shut-off	1x1
Maximum alternator duty cycle	1x1
Minimum alternator duty cycle	1x1
Map providing the relation between charge and State of charge	10x1
Threshold for maximum battery SOC	1x1
Threshold for minimum battery SOC	1x1
Adjusted SOC in cold temperature	1x1
Adjusted SOC in very cold temperature	1x1
Threshold for maximum SOC	1x1
Threshold for minimum SOC	1x1
Adjusted SOC in Normal temperature	1x1
Adjusted SOC in Warm temperature	1x1
Default SOC level in the absence of temperature adjusted SOC	1x1
Status of charge threshold value	1x1
Threshold for maximum battery SOC	1x1
Upper threshold for Normal SOC	1x1
Upper threshold for Low SOC	1x1
Threshold for very low SOC	1x1
Lower threshold for Normal SOC	1x1
Lower threshold for Low SOC	1x1
Calibration for Judgement for discharge with ACG upper limit stuck	1x1
Bit mask for the Decrement load enable condition	1x1
Bit mask for the Decrement load stop condition	1x1
Mask bits for error in battery voltage; current or SOC	1x1
Switch to enable voltage change sensitv loads	1x1
Bit mask to choose sensor error condition for RECUP and DECLOAD mode	1x1
Mask bits for alternator fail safe startegy	1x1
Mask bits for alternator error lamp activation	1x1
Bit mask for detecting brake status	1x1
Bit mask for the Recuperation enable condition	1x1
Bit mask for selecting Recuperation STOP condition	1x1
Only EPS current	1x1
Switch to enable or disable various Fail safe modes	1x1
Switch to enable or disable alternator control	1x1
Switch to enable alternator idle mode	1x1
Alternator Load selection switch	1x1
Switch to select vehicle velocity limit as enable condition for RECUP mode	1x1
Torque modes	1x1
Lower temperature threshold for SOC in normal temperature	1x1
Upper temperature threshold for SOC in cold temperature	1x1
Lower temperature threshold for SOC in very cold temperature	1x1
Lower temperature threshold for SOC in cold temperature	1x1
Upper temperature threshold for SOC in warm temperature	1x1
Upper temperature threshold for SOC in normal temperature	1x1
MAP for Alt_tiAltLoadGrdtFlt	6x6
Calculation period Delta duty cycle from alternator PWM signal	1x1
Turn OFF delay time constant for Decrement load mode.	1x1
MAP for Alt_tiExctcrntGrdtFlt	6x6
Filter time constant for engine speed filter	1x1
Time delay factor for alternator load	1x1
Turn On delay time for Fail safe alternator high temperature cut off	1x1
Load Response Control time	1x1
Maximum time between consecutive battery refresh	1x1
Maximum hold time by alternator overload detection	1x1
Maximum time in refresh mode allowed	1x1
Maximum time for refresh to be activated	1x1
Minimum hold time by alternator overload detection	1x1

Minimum time for refresh to be deactivated	1x1
Blocking time for decrement of setpoint alternator voltage based on current if setpoint alternator voltage was increased based on current	1x1
Blocking time for increment of setpoint alternator voltage based on current if setpoint alternator voltage was decreased based on current	1x1
Filter time constant for vehicle accleration input	1x1
Turn OFF delay time constant for Recuperation mode	1x1
Reset delay time for Alternator Backup request	1x1
Reset delay time for Alternator error lamp activation request	1x1
Reset delay time for Alternator High Temperature cut-off	1x1
Reset delay time for Battery temperature out of range]	1x1
Reset delay time for invalid battery temperature	1x1
Set delay time for Alternator Backup request	1x1
Set delay time for Alternator error lamp activation request	1x1
Set delay time for Alternator High Temperature cut-off	1x1
Set delay time for Battery temperature out of range]	1x1
Set delay time for invalid battery temperature	1x1
Starting phase duration	1x1
Filter time constant for measured voltage filter	1x1
High threshold for battery temperature when exceeding valid range	1x1
Low threshold for battery temperature when reentering valid range	1x1
High threshold for battery temperature when reentering valid range	1x1
Low threshold for battery temperature when below valid range	1x1
High threshold for battery temperature when reentering valid range	1x1
Low threshold for battery temperature when below valid range	1x1
Basic value of alternator torque	10x12
upper slope limit of Wheel torque demand.	1x1
lower slope limit of Wheel torque demand.	1x1
Basic value of torque from Excitation current	10x12
Upper threshold for evaluating Wheel torque demand	1x1
Torque based on current consumtion	3x3
Replacement value in case of faulty power measurement	1x1
Maximum of torque reserved	1x1
MAP for battery correction	12x5
Alternator voltage set point in Back up mode	1x1
Set point value of the alternator voltage	1x1
Default maximum test alternator voltage	1x1
Default Maximum Alternator voltage setpoint	1x1
Default minimum test alternator voltage	1x1
Default Minimum Alternator voltage setpoint	1x1
Set point value of the alternator voltage when alternator state = ON	1x1
Decreasing alternator offset voltage	1x1
Increasing alternator offset voltage	1x1
Alternator voltage set point during engine Start stop	1x1
Maximum of reduced voltage range	1x1
Test value of operative maximum battery voltage in controller	1x1
Battery voltage upper threshold limit	1x1
Minimum of reduced voltage range	1x1
Test value of operative minimum battery voltage in controller	1x1
Battery voltage lower threshold limit	1x1
Battery voltage depending on battery temperature and state of charge	10x10
Higher decrement of setpoint alternator voltage when alternator speed is high and alternator voltage is too high compared to battery voltage	1x1
Lower decrement of setpoint alternator voltage when alternator speed is not high and alternator voltage is too high compared to battery voltage	1x1
Alternator desired voltage in starting phase duration	1x1
Voltage offset to optimal voltage when battery discharging	1x1
Voltage offset to optimal voltage when battery charging	1x1
Low alternator voltage during fault	1x1
High alternator voltage during fault	1x1
Maximum limit of alternator set voltage	1x1
Minimum limit of alternator set voltage	1x1
Alternator offset voltage during start stop	1x1
Higher increment of setpoint alternator voltage when alternator speed is high and alternator voltage is too low compared to battery voltage	1x1
Lower increment of setpoint alternator voltage when alternator speed is not high and alternator voltage is too low compared to battery voltage	1x1
Lower alternator set point voltage when electrical loads are active	1x1
Lower alternator set point voltage during high temperature failsafe cut off	1x1
Lower alternator set point voltage with out any error	1x1
Higher alternator set point voltage when electrical loads are active	1x1
Higher alternator set point voltage during high temperature failsafe cut off	1x1
Higher alternator set point voltage with out any error	1x1
curve for battery voltage and battery temperature	8x1
Curve which gives relationship between Battery voltage and environmental temperature	10x1
Maximum of voltage delta	1x1
Maximum of negative voltage delta	1x1
Curve which gives relationship between Battery current and voltage	10x1
Upper threshold for vehicle velocity limit for RECUPmode	1x1
Lower threshold for vehicle velocity limit for RECUPmode	1x1
number of combustions for deactivation after detected misfire	8x1
number of combustions for deactivation after detected misfire after engine start	1x1
threshold for request a priority for catalyst heating	1x1
min. desired torque for catalyst heating (catalyst warming) in dependence of catalyst temperature	6x1
max. desired torque for catalyst heating (catalyst warming) in dependence of catalyst temperature	6x1
number of engine working cycles for reactivation fuel-off adaptationafter stop condition	1x1
number of engine working cycles for reactivation fuel-off adaptation after stop condition (for end-of line)	1x1
number of camshaft rotations for reactivation the adaptation after disabling	1x1
maximal number of wped=0 detection for irreversibel fuel cut off due to preignition	1x1
number of camshaft rotations for reactivation the adaptation after disabling	1x1
maximal number of wped=0 detection for irreversibel fuel cut off due to preignition	1x1
trheshold for stuck check, number of injections	1x1
number of samples for average calculation for fsrst filter	1x1
min. number of injections for enabling diagnosis of dfrm	1x1
Number of injections for enabling high-pressure controller during high-pressure-start	1x1
minimum number of injections for release of engine speed control	1x1
min. number of injections for enabling fuel mixture adaptation	1x1
min. number of injections for enabling fuel mixture adaptation	1x1
min. number of injections after automatic start for enabling fuel mixture adaptation	1x1
Factor between sensor raw values	1x1
Factor between sensor raw values	1x1
Factor between sensor raw values	1x1
Learned max. pedal value decrease per computation step during operation of brake	1x1
Max. pedal value decrease per computation step during operation of brake	1x1
Limit for APP gradient in limphome mode	1x1
Limit for APP gradient in limphome mode	1x1
Max. permissible pedal value increase per computation step after operating brake	1x1
Max. permissible pedal value increase per computation step after operating brake	1x1
error ramp by the switch between the two sets of linearisation parameters	1x1

Threshold for APP gradient to reset plausibility with brake	1x1
Pos. voltage gradient at switching of signals in case of error on the pedal sensor	1x1
Calibration to select SRC low error from both sensors 1 and 2	1x1
APP_I_P_ATS_ATS.LimitTypeMsk_C	1x1
APP_I_P_ATS_ATS.CnvNorm_C	1x1
APP_I_P_ATS_ATS.LowLim_C	1x1
APP_I_P_ATS_ATS.UpLim_C	1x1
APP_I_P_ATS_ATS.CnvFac_C	1x1
APP_I_P_ATS_ATS.CnvOfs_C	1x1
APP_I_P_ATS_ATS.DfltVal_C	1x1
threshold for engine speed to skip security check	1x1
The threshold pressure above which brake is considered to be pressed	1x1
Maximum acceleration pedal position allowed from ATS	1x1
Minimum acceleration pedal position allowed from ATS	1x1
Calibration parameter(percent) after Fixed Offset calculation(subtraction) from maximum APP ratio, which corresponds to point in APP Linearization curve.	1x1
Calibration parameter(percent) after Offset calculation(subtraction) from maximum APP ratio.	1x1
Calibration parameter(percent) for maximum APP ratio	1x1
Limit for APP value in limphome mode	1x1
Limit for APP value in limphome mode	1x1
Maximum value of acceleration pedal position	1x1
Minimum value of acceleration pedal position	1x1
Maximum value of acceleration pedal position	1x1
Minimum value of acceleration pedal position	1x1
Integration of BC: DrAs 12.18.0;0	1x1
Maximum APP value when plausibility with brake failed	1x1
Maximum APP value when plausibility with brake failed	1x1
Threshold value of acceleration pedal position to abort LET request	1x1
APP threshold for alive detection	1x1
Calibration value for APP_r used as one of the conditions, below which learning value is set	1x1
Calibration to select brake light switch signal	1x1
codeword in APP	1x1
codeword in APP	1x1
codeword in APP	1x1
codeword in APP	1x1
codeword in APP	1x1
codeword in APP	1x1
codeword in APP	1x1
Switch to enable the High impedance check	1x1
debounce time for the acceleration pedal alive detection falling edge	1x1
debounce time for the acceleration pedal alive detection rising edge	1x1
Debounce time for High to Low signal transition for Brake Pressure Signal.	1x1
Debounce time for Low to High signal transition for Brake Pressure Signal	1x1
debounce time for the release of the acceleration brake plausibility by gradient falling edge	1x1
debounce time for the release of the acceleration brake plausibility by gradient rising edge	1x1
Time for Current max value from APP sensor 1 updation.	1x1
debounce time fot the defect detection of sync check	1x1
debounce time fot the defect detection of sync check	1x1
debounce time for the healing of sync check	1x1
debounce time for the healing of sync check	1x1
Debounce time for detection of APP/Brake plausibility	1x1
Debounce Time for reset of plausibility error with brake	1x1
Turn On Delay for enabling plaus brake functionality	1x1
Duration of defect debouncing for check DFC_SRCHighAPP1	1x1
Turn On Delay for enabling plaus brake functionality	1x1
Duration of defect debouncing for check DFC_SRCHighAPP1	1x1
Duration of healing debouncing for check DFC_SRCHighAPP1	1x1
Duration of defect debouncing for check DFC_SRCHighAPP2	1x1
Duration of healing debouncing for check DFC_SRCHighAPP2	1x1
Debounce period for SRC low error in sensor 1 during high impedance check	1x1
Debounce period for SRC low error in sensor 2 during high impedance check	1x1
Duration of defect debouncing for check DFC_SRCLowAPP1	1x1
Duration of healing debouncing for check DFC_SRCLowAPP1	1x1
Duration of defect debouncing for check DFC_SRCLowAPP2	1x1
Duration of healing debouncing for check DFC_SRCLowAPP2	1x1
Substitute value if both sensors are defect	1x1
Max limit of sensor voltage learning update.	1x1
Threshold for unjittering	1x1
Upper threshold for kickdown hysteresis	1x1
Lower threshold for kickdown hysteresis	1x1
Maximum impedance during partial load conditions	1x1
Substitute value for sensor 1 defect	1x1
Threshold for SRC high for sensor 1	1x1
Threshold for SRC low for sensor 1	1x1
Substitute value for sensor 2 defect	1x1
Offset for sensor signal 2	1x1
Threshold for SRC high for sensor 2	1x1
Threshold for SRC low for sensor 2	1x1
upper normalisation parameter in case of limp modus	1x1
PWG voltage threshold for full-throttle range	1x1
PWG voltage threshold for full-throttle range	1x1
PWG voltage threshold for full-throttle range	1x1
PWG voltage threshold for partial throttle range in Limp mode	1x1
PWG voltage threshold for partial throttle range	1x1
PWG voltage threshold for partial throttle range	1x1
Calibration parameter Offset voltage subtracted from APP learned max value.	1x1
PWG voltage threshold for partial throttle range	1x1
Calibration parameter Offset voltage subtracted from APP learned max value.	1x1
Sensor supply voltage	1x1
Minimum voltage to enable sync check	1x1
Curve to calculate permitted maximum for difference of signalvoltages of sensor 1 and sensor 2	3x1
threshold for vehicle speed to skip security check	1x1
Threshold value of vehicle velocity to abort LET request	1x1
Maximum number of times this process can be activated without exiting Phase 2	1x1
antijerk idle speed difference factor for Kd	2x1
antijerk engine temperature factor for Kd	2x1
antijerk factor for dynamic driving init value	2x1
antijerk factor slope for dynamic driving	1x1
antijerk vehicle speed factor for Kd	2x1
ASDdc_KdDynNegCmft_GM	6x7
Amplification of dynamic antijerking intervention negative for ECO mode	6x7
Sports Mode:Amplification of dynamic antijerking intervention negative	6x7
Amplification of dynamic antijerking intervention negative for Winter Mode	6x7
Amplification of dynamic antijerking intervention negative	6x7
ASDdc_KdDynPosCmft_GM	6x7
Amplification of dynamic antijerking intervention positive for Economy Mode	6x7

Sports Mode:Amplification of dynamic antijerking intervention positive	6x7
Amplification of dynamic antijerking intervention positive for Winter Mode	6x7
Amplification of dynamic antijerking intervention positive	6x7
Amplification of dynamic antijerking intervention for open clutch	1x1
Maximum difference in speed for grip detection	1x1
engine speed range max torque demand for activation antijerk	7x1
engine speed range max for activation antijerk	7x1
engine speed range min torque demand for activation antijerk	7x1
engine speed range min for activation antijerk	7x1
code word ASDdc	1x1
antijerk delay after deactivation fuel cut off	1x1
antijerk delay after deactivation dynamic	1x1
time delay after grip condition to enable active surge damper	8x1
jerk time open clutch	1x1
characteristic jerk time	7x1
delay time after gear shift to enable active surge damper	8x1
ASDdc_tqThdDynCmftNeg_GM	8x7
ASDdc_tqThdDynCmftPos_GM	8x7
Eco mode negetive map for Torque threshold	8x7
Eco mode positive map for Torque threshold	8x7
Threshold for dynamic antijerking intervention negative.This is a map for sports mode.	8x7
Threshold for dynamic antijerking intervention positive.This is a map for sports mode.	8x7
Threshold for dynamic antijerking intervention negative.This is a map for winter mode.	8x7
Threshold for dynamic antijerking intervention positive.This is a map for Winter mode.	8x7
Threshold for dynamic antijerking intervention negative	8x7
Threshold for dynamic antijerking intervention positive	8x7
configuration label 2 for driveability filter	1x1
configuration label 2 for driveability filter	1x1
configuration label 2 for driveability filter	1x1
configuration label for driveability filter	1x1
configuration label for driveability filter	1x1
configuration label for driveability filter	1x1
configuration label for driveability filter	1x1
ASDrf_CoefACmftMtModNeg_GT	7x1
ASDrf_CoefACmftMtModPosAbv_GT	7x1
ASDrf_CoefACmftMtModPosBlw_GT	7x1
ASDrf_CoefACmftNeg_GT	7x1
ASDrf_CoefACmftPosAbv_GT	7x1
ASDrf_CoefACmftPosBlw_GT	7x1
Coef A, Eco Manual transmission mode, neg. load alteration damping	7x1
Coef A, Eco Manual transmission mode, pos. load alteration damping	7x1
Coef A, Eco , Manual transmission mode, pos. load alteration damping	7x1
Coef A, Eco, neg. load alteration damping	7x1
Coef A, Eco, pos. load alteration damping	7x1
Coef A, Eco, pos. load alteration damping	7x1
Coef A, Grip at clutch, manual transmission mode, neg. load alteration damping	7x1
Coef A, Grip at clutch, manual transmission mode, pos. load alteration damping	7x1
Coef A, Grip at clutch, manual transmission mode, pos. load alteration damping	7x1
Coef A, Grip at clutch, neg. load alteration damping	7x1
Coef A, Grip at clutch, pos. load alteration damping	7x1
Coef A, Grip at clutch, pos. load alteration damping	7x1
Coef A, Grip at clutch, pos. load alteration damping	7x1
Coef A, open powertrain, neg. load alteration damping	1x1
Coef A, open powertrain, neg. load alteration damping	1x1
Coef A, open powertrain, pos. load alteration damping	1x1
Coef A, open powertrain, pos. load alteration damping	1x1
Coef A, Sport, Manual transmission mode, neg. load alteration damping	7x1
Coef A, Sport, Manual transmission mode, pos. load alteration damping	7x1
Coef A, Sport, Manual transmission mode, pos. load alteration damping	7x1
Coef A, Sport, neg. load alteration damping	7x1
Coef A, Sport, pos. load alteration damping	7x1
Coef A, Sport, pos. load alteration damping	7x1
Coef A, Winter, Manual transmission mode, neg. load alteration damping	7x1
Coef A, Winter, Manual transmission mode, pos. load alteration damping	7x1
Coef A, Winter, Manual transmission mode, pos. load alteration damping	7x1
Coef A, Winter, neg. load alteration damping	7x1
Coef A, Winter, pos. load alteration damping	7x1
Coef A, Winter, pos. load alteration damping	7x1
ASDrf_CoefBCmftMtModNeg_GM	6x5
ASDrf_CoefBCmftMtModPosAbv_GM	6x7
ASDrf_CoefBCmftMtModPosBlw_GM	6x7
ASDrf_CoefBCmftNeg_GM	6x5
ASDrf_CoefBCmftPosAbv_GM	6x7
ASDrf_CoefBCmftPosBlw_GM	6x7
Coef B, Eco, Manual transmission mode, neg. load alteration damping	6x5
Coef B, Eco, Manual transmission mode, pos. load alteration damping	6x7
Coef B, Eco, Manual transmission mode, pos. load alteration damping	6x7
Coef B, Eco, neg. load alteration damping	6x5
Coef B, Eco,pos. load alteration damping	6x7
Coef B, Eco, pos. load alteration damping	6x7
Coef B, Grip at clutch, manual transmission mode, neg. load alteration damping	6x5
Coef B, Grip at clutch, manual transmission mode, pos. load alteration damping	6x7
Coef B, Grip at clutch, manual transmission mode, pos. load alteration damping	6x7
Coef B, Grip at clutch, neg. load alteration damping	6x5
Coef B, Grip at clutch, pos. load alteration damping	6x7
Coef B, Grip at clutch, pos. load alteration damping	6x7
Coef B, open powertrain, neg. load alteration damping	1x1
Coef B, open powertrain, neg. load alteration damping	1x1
Coef B, open powertrain, pos. load alteration damping	1x1
Coef B, open powertrain, pos. load alteration damping	1x1
Coef B, Sport, Manual transmission mode, neg. load alteration damping	6x5
Coef B, Sport, Manual transmission mode, pos. load alteration damping	6x7
Coef B, Sport, Manual transmission mode, pos. load alteration damping	6x7
Coef B, Sport, neg. load alteration damping	6x5
Coef B, Sport, pos. load alteration damping	6x7
Coef B, Sport, pos. load alteration damping	6x7
Coef B, Winter, Manual transmission mode, neg. load alteration damping	6x5
Coef B, Winter, Manual transmission mode, pos. load alteration damping	6x7
Coef B, Winter, Manual transmission mode, pos. load alteration damping	6x7
Coef B, Winter, neg. load alteration damping	6x5

Coef B, Winter, pos. load alteration damping	6x7
Coef B, Winter, pos. load alteration damping	6x7
ASDrf_dtqCmftRampMtModPos_T	10x1
ASDrf_dtqCmftRampPos_T	10x1
increase of limitation ramp in positive case for ECO manual transmission mode	10x1
increase of limitation ramp in positive case for Eco mode	10x1
increase of limitation ramp in positive case for manual transmission mode	10x1
increase of limitation ramp in positive case for sport manual transmission mode	10x1
increase of limitation ramp in positive case for sport mode	10x1
increase of limitation ramp in positive case for winter manual transmission mode	10x1
increase of limitation ramp in positive case for winter mode	10x1
increase of limitation ramp in positive case	10x1
ASDrf_facCmftRampMtModPos_GM	6x5
ASDrf_facCmftRampMtModPos_GT	7x1
ASDrf_facCmftRampPos_GM	6x5
ASDrf_facCmftRampPos_GT	7x1
ASDrf_facCmftTqIniMtModNeg_GM	6x5
ASDrf_facCmftTqIniMtModNeg_GT	7x1
ASDrf_facCmftTqIniNeg_GM	6x5
ASDrf_facCmftTqIniNeg_GT	7x1
ASDrf_facCoefACmftMtModPosAbv_GT	5x1
ASDrf_facCmftTqIniNeg_GT	7x1
ASDrf_facCoefACmftMtModPosAbv_GT	5x1
ASDrf_facCoefACmftPosAbv_GT	5x1
weighting for CoefA Eco, Manual transmission mode	5x1
Eco mode factor for Coef-A	5x1
weighting for CoefA, manual transmission mode, pos	5x1
weighting for CoefA	5x1
weighting for CoefA Sport, Manual transmission mode	5x1
weighting for CoefA Sport	5x1
weighting for CoefA Winter, Manual transmission mode	5x1
weighting for CoefA Winter	5x1
ASDrf_facCoefBCmftMtModNeg_GT	7x1
ASDrf_facCoefBCmftMtModPosAbv_GM	6x5
ASDrf_facCoefBCmftMtModPosBlw_GM	6x5
ASDrf_facCoefBCmftNeg_GT	7x1
ASDrf_facCoefBCmftPosAbv_GM	6x5
ASDrf_facCoefBCmftPosBlw_GM	6x5
weighting factor for Coef B Eco, Manual transmission mode	7x1
weighting factor Coef B, Eco Manual transmission mode, pos. load alteration damping	6x5
weighting factor Coef B, Eco, Manual transmission mode, pos. load alteration damping	6x5
Eco mode factor for Coef-B	7x1
Eco mode factor for Coef-A	6x5
Eco mode factor for Coef-A	6x5
weighting factor Coef B, manual transmission mode, neg	7x1
weighting factor Coef B, manual transmission mode, pos. load alteration damping	6x5
weighting factor Coef B, manual transmission mode, pos. load alteration damping	6x5
weighting factor for Coef B	7x1
weighting factor Coef B, pos. load alteration damping	6x5
weighting factor Coef B, pos. load alteration damping	6x5
weighting factor for Coef B Sport, Manual transmission mode	7x1
weighting factor Coef B, Sport, Manual transmission mode, pos. load alteration damping	6x5
weighting factor Coef B, Sport, Manual transmission mode, pos. load alteration damping	6x5
weighting factor Coef B, Sport, Manual transmission mode, pos. load alteration damping	6x5
weighting factor for Coef B Sport	7x1
weighting factor Coef B, Sport, pos. load alteration damping	6x5
weighting factor Coef B, Sport, pos. load alteration damping	6x5
weighting factor for Coef B Winter, Manual transmission mode	7x1
weighting factor Coef B, Winter, Manual transmission mode, pos. load alteration damping	6x5
weighting factor Coef B, Winter, Manual transmission mode, pos. load alteration damping	6x5
weighting factor for Coef B Winter	7x1
weighting factor Coef B, Winter, pos. load alteration damping	6x5
weighting factor Coef B, Winter, pos. load alteration damping	6x5
weight of positive ramp in eco manual transmission mode	6x5
weight of positive ramp in Eco manual transmission mode	7x1
weight of positive ramp in Eco mode	6x5
weight of positive ramp in Eco mode	7x1
weighting factor for init-jump lead dashpot in Eco manual transmission mode	6x5
weighting factor for init-jump lead dashpot in Eco manual transmission mode	7x1
weighting factor for init-jump lead dashpot in Eco mode	6x5
weighting factor for init-jump lead dashpot in Eco mode	7x1
weight of positive ramp in manual transmission mode	6x5
weight of positive ramp in manual transmission mode	7x1
weight of positive ramp	7x1
weight of positive ramp	6x5
weight of positive ramp in sport manual transmission mode	6x5
weight of positive ramp in sport manual transmission mode	7x1
weight of positive ramp in sport mode	6x5
weight of positive ramp in sport mode	7x1
weighting factor for init-jump lead dashpot in sport manual transmission mode	6x5
weighting factor for init-jump lead dashpot in sport manual transmission mode	7x1
weighting factor for init-jump lead dashpot in sport mode	6x5
weighting factor for init-jump lead dashpot in sport mode	7x1
ASDrf_facTiCmftMtModNeg_GT	7x1
weighting factor for init-jump lead dashpot in sport mode	7x1
ASDrf_facTiCmftMtModNeg_GT	7x1
ASDrf_facTiCmftMtModPosAbv_GM	6x5
ASDrf_facTiCmftMtModPosBlw_GM	6x5
ASDrf_facTiCmftNegLead_GT	7x1
ASDrf_facTiCmftNeg_GT	7x1
ASDrf_facTiCmftPosAbv_GM	6x5
ASDrf_facTiCmftPosBlw_GM	6x5
weighting factor time constant, Eco , Manual transmission mode, negative load alteration damping	7x1
weighting factor time constant, Eco, Manual transmission mode, pos. load alteration damping	6x5
weighting factor time constant, Eco, Manual transmission mode, pos. load alteration damping	6x5
weighting factor time constant lead path for Eco mode	7x1
Eco mode time constant	7x1
Eco mode time const	6x5
Eco mode time const	6x5
weighting factor time constant manual transmission mode neg.	7x1
weighting factor time constant, manual transmission mode, pos. load alteration damping	6x5
weighting factor time constant, manual transmission mode, pos. load alteration damping	6x5
weighting factor time constant lead path	7x1
weighting factor time constant, negative load alteration damping	7x1

weighting factor time constant pos. load alteration damping	6x5
weighting factor time constant pos. load alteration damping	6x5
weighting factor time constant, Sport, Manual transmission mode, negative load alteration damping	7x1
weighting factor time constant, Sport, Manual transmission mode, pos. load alteration damping	6x5
weighting factor time constant, Sport, Manual transmission mode, pos. load alteration damping	6x5
weighting factor time constant lead path for sport mode	7x1
weighting factor time constant, Sport , negative load alteration damping	7x1
weighting factor time constant, Sport, pos. load alteration damping	6x5
weighting factor time constant, Sport, pos. load alteration damping	6x5
weighting factor time constant, Winter, Manual transmission mode, negative load alteration damping	7x1
weighting factor time constant, Winter, Manual transmission mode, pos. load alteration damping	6x5
weighting factor time constant, Winter, Manual transmission mode, pos. load alteration damping	6x5
weighting factor time constant lead path for winter mode	7x1
weighting factor time constant, Winter , negative load alteration damping	7x1
weighting factor time constant, Winter, pos. load alteration damping	6x5
weighting factor time constant, Winter, pos. load alteration damping	6x5
weighting factor for init-jump lead dashpot in manual transmission mode	6x5
weighting factor for init-jump lead dashpot in manual transmission mode	7x1
weighting factor for init-jump lead dashpot	7x1
weighting factor for init-jump lead dashpot	6x5
factor for baisc limitation	1x1
weighting factor for init-jump lead dashpot	6x5
factor for baisc limitation	1x1
weight of positive ramp in winter manual transmission mode	6x5
weight of positive ramp in winter manual transmission mode	7x1
weight of positive ramp in winter mode	6x5
weight of positive ramp in winter mode	7x1
weighting factor for init-jump lead dashpot in winter manual transmission mode	6x5
weighting factor for init-jump lead dashpot in winter manual transmission mode	7x1
weighting factor for init-jump lead dashpot in winter mode	6x5
weighting factor for init-jump lead dashpot in winter mode	7x1
ASDrf_KdFilSetCmftMtModNeg_GM	6x7
ASDrf_KdFilSetCmftMtModPosAbv_GM	6x7
ASDrf_KdFilSetCmftNeg_GM	6x7
ASDrf_KdFilSetCmftPosAbv_GM	6x7
unfiltered part, eco, Manual transmission mode, neg. load alteration damping	6x7
unfiltered part, Eco, Manual transmission mode, pos. load alteration damping	6x7
unfiltered part, Eco , neg. load alteration damping	6x7
unfiltered part, Eco, pos. load alteration damping	6x7
unfiltered part, Grip at clutch, manual transmission mode, neg. load alteration damping	6x7
unfiltered part, Grip at clutch, manual tranission mode, pos. load alteration damping	6x7
unfiltered part, Grip at clutch, neg. load alteration damping	6x7
unfiltered part, Grip at clutch, pos. load alteration damping	6x7
unfiltered part, Sport, Manual transmission mode, neg. load alteration damping	6x7
unfiltered part, Sport, Manual transmission mode, pos. load alteration damping	6x7
unfiltered part, Sport , neg. load alteration damping	6x7
unfiltered part, Sport, pos. load alteration damping	6x7
unfiltered part, Winter, Manual transmission mode, neg. load alteration damping	6x7
unfiltered part, Winter, Manual transmission mode, pos. load alteration damping	6x7
unfiltered part, Winter , neg. load alteration damping	6x7
unfiltered part, Winter, pos. load alteration damping	6x7
unfiltered part, open powertrain, neg. load alteration damping	1x1
unfiltered part, open powertrain, pos. load alteration damping	1x1
unfiltered part, open powertrain, neg. load alteration damping	1x1
unfiltered part, open powertrain, pos. load alteration damping	1x1
Correction of turbine rpm during open converter clutch	6x7
Satus to select drivability mode for parameter	16x1
ASDrf_tiCmftNegLead_GM	6x5
time constant Lead path for Eco mode	6x5
ASDrf_tiFilSetCmftMtModNeg_GM	6x5
ASDrf_tiFilSetCmftMtModPosAbv_GM	6x7
ASDrf_tiFilSetCmftMtModPosBlw_GM	6x7
ASDrf_tiFilSetCmftNeg_GM	6x5
ASDrf_tiFilSetCmftPosAbv_GM	6x7
ASDrf_tiFilSetCmftPosBlw_GM	6x7
time constant, Eco, Manual transmission mode, neg. load alteration damping	6x5
time constant, Eco, Manual transmission mode, pos. load alteration damping	6x7
time constant, Eco, Manual transmission mode, pos. load alteration damping	6x7
time constant, Eco , neg. load alteration damping	6x5
time constant, Eco, pos. load alteration damping	6x7
time constant, Eco , pos. load alteration damping	6x7
time constant, Grip at clutch, manual transmission mode, neg. load alteration damping	6x5
time constant, Grip at clutch, manual transmission mode, pos. load alteration damping	6x7
time constant, Grip at clutch, manual transmission mode, pos. load alteration damping	6x7
time constant, Sport, Manual transmission mode, neg. load alteration damping	6x5
time constant, Sport, Manual transmission mode, pos. load alteration damping	6x7
time constant, Sport, Manual transmission mode, pos. load alteration damping	6x7
time constant, Sport , neg. load alteration damping	6x5
time constant, Sport, pos. load alteration damping	6x7
time constant, Sport, pos. load alteration damping	6x7
time constant, Winter, Manual transmission mode, neg. load alteration damping	6x5
time constant, Winter, Manual transmission mode, pos. load alteration damping	6x7
time constant, Winter, Manual transmission mode, pos. load alteration damping	6x7
time constant, Winter , neg. load alteration damping	6x5
time constant, Winter, pos. load alteration damping	6x7
time constant, Winter , neg. load alteration damping	6x5
time constant, Winter, pos. load alteration damping	6x7
time constant, Winter, pos. load alteration damping	6x7
time constant, Grip at clutch, neg. load alteration damping	6x5
time constant, Grip at clutch, pos. load alteration damping	6x7
time constant, Grip at clutch, pos. load alteration damping	6x7
ASDrf_tiFltSetNegFCOCmft_GT	6x1
time constant, Eco , neg. load alteration damping for FCO	6x1
Sports mode:time constant for transission into FCO	6x1
time constant, Winter , neg. load alteration damping for FCO	6x1
time constant for transission into FCO	6x1
time constant, open powertrain, neg. load alteration damping	1x1
time constant, open powertrain, neg. load alteration damping	1x1
time constant, open powertrain, pos. load alteration damping	1x1
time constant, open powertrain, pos. load alteration damping	1x1
ASDrf_tiFltSetPosFCOCmft_GMAP	7x5
time constant for resumption after fuel cut off, Eco mode	7x5
Sports mode:time constant for resumption after fuel cut off	7x5
time constant, Winter , pos. load alteration damping	7x5
time constant for resumption after fuel cut off	7x5

Time constant for resumption after fuel cut off depend up on gear information	9x5
maximum use time of reset condition	1x1
maximum delay time	1x1
shut off time for SlipOpnFrzLead	1x1
time constant Lead path	6x5
time constant Lead path for sport mode	6x5
time constant Lead path for winter mode	6x5
ASDrf_tqLossCmftOffsMtModNegLead_GT	6x1
ASDrf_tqLossCmftOffsMtModPosLead_GM	6x5
ASDrf_tqLossCmftOffsNegLead_GT	6x1
ASDrf_tqLossCmftOffsPosLead_GM	6x5
offset to clutch torque zero in ECO manual transmission mode	6x1
offset to clutch torque zero in Eco manual transmission mode	6x5
offset to clutch torque zero in Eco mode	6x1
offset to clutch torque zero in Eco mode	6x5
offset to clutch torque zero in manual transmission mode	6x1
offset to clutch torque zero in manual transmission mode	6x5
offset to clutch torque zero in sport manual transmission mode	6x1
offset to clutch torque zero in sport manual transmission mode	6x5
offset to clutch torque zero in sport mode	6x1
offset to clutch torque zero in sport mode	6x5
offset to clutch torque zero in sport mode	6x1
offset to clutch torque zero in sport mode	6x5
offset to clutch torque zero in winter manual transmission mode	6x1
offset to clutch torque zero in winter manual transmission mode	6x5
offset to clutch torque zero in winter mode	6x1
offset to clutch torque zero in winter mode	6x5
ASDrf_tqThdCmftMtModNegLead_C	1x1
ASDrf_tqThdCmftMtModPosLead_GM	6x5
ASDrf_tqThdCmftNegLead_C	1x1
ASDrf_tqThdCmftPosLead_GM	6x5
Torque threshold for Lead path in Eco manual transmission mode	1x1
Torque threshold for Lead path in Eco manual transmission mode	6x5
Torque threshold for Lead path in Eco mode	1x1
Torque threshold for Lead path in Eco mode	6x5
Torque threshold for Lead path in manual transmission mode	1x1
Torque threshold for Lead path in manual transmission mode	6x5
Torque threshold for Lead path in sport manual transmission mode	1x1
Torque threshold for Lead path in sport manual transmission mode	6x5
Torque threshold for Lead path in sport mode	1x1
Torque threshold for Lead path in sport mode	6x5
Torque threshold for Lead path in winter manual transmission mode	1x1
Torque threshold for Lead path in winter manual transmission mode	6x5
Torque threshold for Lead path in winter mode	1x1
Torque threshold for Lead path in winter mode	6x5
threshold for ingnition angle release	5x1
threshold for ingnition angle release	5x1
Threshold at active air intervention	1x1
threshold for end of lead filter	1x1
upper limitation edge	1x1
lower limitation edge	1x1
offset to initialisation of torque range during open converter clutch	6x5
offset to clutch torque zero	6x1
offset to initialisation of torque range during open converter clutch	6x5
offset to clutch torque zero	6x1
ASDrf_trqLosOfsNegSetCmft_C	1x1
Eco mode:offset to clutch torque zero neg. load alteration damping	1x1
Sports mode:offset to clutch torque zero neg. load alteration damping	1x1
Winter mode:offset to clutch torque zero neg. load alteration damping	1x1
offset to clutch torque zero neg. load alteration damping	1x1
offset to clutch torque zero	6x5
ASDrf_trqLosOfsPosSetCmft_C	1x1
Eco mode:offset to clutch torque zero pos. load alteration damping	1x1
Sports mode:offset to clutch torque zero pos. load alteration damping	1x1
Winter mode:offset to clutch torque zero pos. load alteration damping	1x1
offset to clutch torque zero pos. load alteration damping	1x1
Offset to Loss-torque at Init	7x1
Upper limit of the torque band, during gradient limitation is activ,as offset to the torque by minimal charge (RngMod_trqMin AirChg)	1x1
offset for deactivation of limitation	1x1
neg. starting offset	1x1
Threshold for detection of driver's request gradient	1x1
torque threshold negative load alteration	1x1
torque threshold negative load alteration	1x1
threshold for ASDrf_stIARls	1x1
Torque threshold for Lead path	1x1
Torque threshold for Lead path	6x5
speed threshold for negative driveability	1x1
speed threshold for positive driveability	1x1
speed threshold for positive driveability	1x1
speed threshold for no grip	1x1
Threshold for cut off demand at pre-ignition	13x1
Distance of sampling points of the curve Massenstrom aus HFM in Abhängigkeit Spannung	1x1
Number of synchros after Start Request (Start/Stop); air charge for direct start is still calculated	1x1
threshold number of ti to switch from lamns_w to lamwl_w	12x1
threshold number of ti to switch from lamns_w to lawl_w at cold restart	12x1
factor I-part exhaust temperature control	1x1
ATS_Standby_Disabled_C	1x1
Calibration for Release for engine cold test	1x1
Calibration for Acceleration pedal position maximum learned value	1x1
Global switch to enable RCC	1x1
ATS_tiTstDemHeal_C	1x1
ATS_tiTstDemMax_C	1x1
ATS_TmrBehaviour_C	1x1
ATS_TrbCh_B1.LimitTypeMsk_C	1x1
ATS_TrbCh_B1.CnvNorm_C	1x1
ATS_TrbCh_B1.LowLim_C	1x1
ATS_TrbCh_B1.UpLim_C	1x1
ATS_TrbCh_B1.CnvFac_C	1x1
ATS_TrbCh_B1.CnvOfs_C	1x1
ATS_TrbCh_B1.DfltVal_C	1x1
ATS_TstDemMaxEngN_C	1x1
ATS_TstDemMaxVSSCDV_C	1x1
Maximum number of tests CPV incl. breaks	1x1

Maximum number of tests CPV incl. breaks	1x1
Threshold for requestment of measurement due to injection time cylinder individual	1x1
Threshold for permanent air charge reduction at pre-ignition	1x1
No. Camshaft-Revs/Combustions f. reactivation misfire detection a. disablement	1x1
Max. number of dricing cycles for check filler cap	1x1
Êxtension of suppression of DMD during engine restart in number of ignitions	1x1
Changeover of suppression values after engine restart in number of ignitions	1x1
Extension of suppression of DMD during engine start in number of ignitions	1x1
no. of ignitions for torque comparison during flare-down	1x1
Number of ignitions to enable fsrst-adaptation after change of adaptation area	1x1
Changeover of suppression values after engine start in number of ignitions	1x1
Maximum number of cylinders which are cutoff due to catalyst damage misfires, per bank	1x1
Negative ramp slope threshold value for devlibTransStage structure	1x1
Positive ramp slope threshold value for devlibTransStage structure	1x1
Status of Power Stage Diagnostic Discrete	1x1
Status of the Sensor ID word of the Device Library Transition Stage which is used to calculate battery voltage	1x1
Switch for enabling battery factor correction calculation	1x1
Switch for rated voltage selection	1x1
Switch to enable/disable Engine Stall Assistance condition for Booster Request	1x1
Maximum ON time of booster stage output	1x1
CST Defect time	1x1
Delay Time to enable SRC high and Low check if engine is in RUNNING	1x1
Stable Powerstae OFF Delay	1x1
Stable Powerstae ON Delay	1x1
Normal battery voltage to calculate the correction factor	1x1
Max. voltage for SRC high check	1x1
Min. voltage for SRC low check	1x1
Battery voltage Transition default value in case of devlib	1x1
Transformation curve for battery voltage	16x1
Vehicle speed threshold to perform the SRC high check	1x1
Threshold of the battery charge to enable a stopping engine	1x1
threshold of the battery charge to request a starting engine	1x1
Charging current threshold for start stop judgement	6x6
Stop disable limit on DOD	1x1
Start request limit for DOD	1x1
Traget SOC	1x1
Battery SOC threshold level for stop enable judgement	1x1
SOH limit for SOF_V precision	1x1
SOH limit for stop enable	1x1
Threshold SOH	1x1
Limit for Stop-Start inhibit	1x1
Limit for battery system fault	1x1
SOF_V precision offse	2x1
Calibration to update battery ID state	1x1
Calibration to update engine ID state	1x1
Battery SOC error bits	1x1
Error mask for engine request	1x1
Error mask for stop enable	1x1
Switch to read battery sensors from LIN or from EEM module	1x1
Minimum battery temperature for stop enable	1x1
Minimum battery temperature for start request	1x1
Threshold for battery temperature	1x1
Battery charging current threshold time	1x1
time spend in stop before starting the engine	1x1
Low limit of supply voltage in cranking for stop enable	1x1
Low limit of supply voltage in cranking for start request	1x1
Threshold of supply voltage in cranking	1x1
Configuration of the calculation of the ratio ti TIMN dependent of injection mode for the second injection	1x1
Configuration of the calculation of the ratio ti TIMN dependent of injection mode for the third injection	1x1
GDI desired mode 1 for application interface	1x1
GDI desired mode 2 for application interface	1x1
permissible operation modes	1x1
Switch for comparison mask in BDEMKO.	1x1
configuration strategy variant for optimum operation mode	1x1
Calibration for upadting Panel control unit availability status	1x1
Selection condition switch to enable engine stop	1x1
Select condition switch ot enable engine start	1x1
Select condition switch to enable engine start permission	1x1
switch for selecting clutch signal for start enable condition	1x1
Delay time for engine restart permit 1	1x1
Delay time for engine restart permit 2	1x1
Delay time for clutch on display request	1x1
Delay time for detection of engine Hood Open Condition	1x1
Delay time requesting for seat belt off to on when there is a auto restart request	1x1
Delay timer for seat belt off	1x1
AC-blower voltage replacement value in came of communication error	1x1
characteristic line for physically uegency für purge control	4x1
Maximum deceleration brake threshold	1x1
Minimum deceleration brake threshold	1x1
Frequency of integral calculation of master cylinder hydraulic pressure learning value	1x1
High drift error counter threshold	1x1
Low drift error counter threshold	1x1
Vehicle stop count threshold	1x1
Change in master cylinder pressure limit	1x1
Calibration switch to enable and disable the functionality	1x1
Calibration switch to enable and disable the functionality	1x1
selection of VSA signal in BrkBst Pressur module	1x1
calibration switch for selecting the Master cylinder brake offset pressure value	1x1
Vacuum pump working speed	1x1
Difference in brake boost pressure threshold for stuck error finding	1x1
Brake pressure when brake pedal not pressed	1x1
Threshold value for Compensated Brake pressure value	1x1
The amount limit value of zero hydraulic pressure correction value change iDifference quantity large j	1x1
The amount limit value of zero hydraulic pressure correction value change iDifference quantity small j	1x1
Difference quantity large judgment value of zero hydraulic pressure learning value and correction value	1x1
The amount limit value of zero hydraulic pressure correction value change iDifference quantity middle j	1x1
Difference quantity smallness judgment value of zero hydraulic pressure learning value and correction value	1x1
High saturated limit of brake booster pressure for drift error check	1x1
Low saturated limit of brake booster pressure for drift error check	1x1

Maximum Master cylinder hydraulic pressure receiving value	1x1
Minimum Master cylinder hydraulic pressure receiving value	1x1
Allowed master cylinder maximum threshold	1x1
Allowed master cylinder minimum threshold	1x1
Zero master cylinder hydraulic pressure adjustment initial value	1x1
Maximum master cylinder saturated pressure	1x1
Minimum master cylinder saturated pressure	1x1
Master cylinder pressure enable mask	1x1
The hydraulic pressure value permission range of fluctuation under learning	1x1
Curve for determining Brake Boost Vacuum Pressure from ADC	6x1
Vacuum pressure offset value	1x1
Accpedal threshold value for brake fluid pressure condition calculation	1x1
Judgment master cylinder hydraulic pressure zero point learning permission conditon mask	1x1
Stop release mask selection	1x1
Stop release mask	1x1
Hill start switch enable status	1x1
Delay time for ABS and VSA when it is disabled	1x1
AYC activation time	1x1
Debounce to detect deceleration by brake	1x1
Drift error release time threshold	1x1
Debouncing the brake booster pressure drift on high side maximum	1x1
Debouncing the brake booster pressure drift on high side minimum	1x1
Debouncing the brake booster pressure drift on low side maximum	1x1
Debouncing the brake booster pressure drift on low side minimum	1x1
Minimum time beween drift error check	1x1
Threshold time for Master cylinder stability check	1x1
Master cylinder brake pressure filtering time	1x1
Vacuum booster pressure filtering time	1x1
Vehcile acceleration filtering time	1x1
Vehicle stop confirmation delay	1x1
Vehicle velocity filtering time	1x1
Maximum voltage for sensor short circuit to battery	1x1
Minimum value for sensor short circuit to ground	1x1
Vehicle running threshold	1x1
Vehicle stop threshold	1x1
Vehicle speed threshold value for brake fluid pressure condition calculation	1x1
Minimal pressure difference of the brake pressure, to estimate a vacuum consumption during brake pressing	1x1
Minimal pressure difference of the brake pressure, to estimate a vacuum consumption during brake releasing	1x1
Factor for Vacuum consumption in the backup mode	1x1
brake pressure gradient dependent to the pressure gradient when brake is pressed for the left side driver	8x1
brake pressure gradient dependent to the pressure gradient when brake is released for the left side driver	8x1
Curve to get the vacuum consumption factor as a result of the brake status during brake pressed	6x1
Curve to get the vacuum consumption factor as a result of the brake status during brake pressing	6x1
Curve to get the vacuum consumption factor as a result of the brake status during brake releasing	6x1
factor for the calculation of the minimum pressure of the mechanical vacuum pump	3x6
factor which determines the speed of the vacuum generation by the manifold	1x1
factor pressure gradient caused by leakage of brake booster	1x1
factor time constant modelling of mechanical vakuum pump in the modell	4x1
Configuration of the vacuum consumer for the model of the brake booster	1x1
Time in the backup mode for vacuum consumption	1x1
Filter time constant to calculate the brake pressure change	1x1
Periodic time to calculate the vacuum consumption in the back up mode	1x1
Integration constant to calculate the current model value of the brake booster	1x1
Default value of the current vehicle velocity	1x1
Higher gradient limit to disallow Idle stop	1x1
Lower gradient limit to disallow Idle stop	1x1
Calibration for enablingdisabling the stop request from the brake system	1x1
Calibration for the enablingdisabling of start release from the brake system.	1x1
Curve to determine the counter increment value in every raster based on Accelerator pedal ratio	11x1
Counter threshold for ISAB request cancellation	1x1
Parameter to determine the factor by which Accped ratio needs to be mutiplied before considering for ISAB request cancellation	1x1
Engine speed threhold above which ISAB cancellation request will be calculated	1x1
Curve to determine the brake pressure required at wheel for a given inclination to avoid roll back	8x1
MAP for upper threshold of Hysteresis function of engine start request based on brake pressure	5x5
MAP for lower threshold of Hysteresis function for engine start request based on brake pressure	5x5
threshold for environmental pressure for engine start request based on brake pressure	1x1
Switch to select brake booster pressure	1x1
Switch to activate brake pedal condition for the brake negative	1x1
Switch to select an algortithm either with or without EVP-ECU	1x1
Minimum time to confirm sensor failure is healed to allow ISAB.	1x1
Time after which vehicle stand still condition is confirmed	1x1
PT1 filter time parameter for filtering of VSA gradient information	1x1
Brake master cylinder default pressure	1x1
Maximum measurable pressure by the Brake Pressure sensor	1x1
Minimum measurable pressure by the Brake Pressure sensor	1x1
BrkP_pSens_C	1x1
switch to select Brake pressure input source	1x1
This is SW-CALPRM	1x1
This is SW-CALPRM	1x1
Maximum counter value for plausibility check	1x1
This is SW-CALPRM	1x1
This is SW-CALPRM	1x1
Calibration switch to indicate the brake sensors placement exchanged	1x1
Parameter structure for debounce times of main brake switch / Time for a High to Low transition	1x1
Parameter structure for debounce times of main brake switch / Time for a Low to High transition	1x1
Minimum value of engine speed for plausibility	1x1
Parameter structure for debounce times of redundant brake switch / Time for a High to Low transition	1x1
Parameter structure for debounce times of redundant brake switch / Time for a Low to High transition	1x1
Default value for brake switch state	1x1
Calibration for activation of clutch stroke sensor for GS	1x1
Switch redundant brake switch present	1x1
Switch signal source for main and redundant brake switch	1x1
This is SW-CALPRM	1x1
This is SW-CALPRM	1x1
Maximum timer value for plausibility check	1x1
Delay time for Redundant Brake Switch On flag.	1x1
This is SW-CALPRM	1x1
Minimum value of vehicle speed for plausibility	1x1
This is SW-CALPRM	1x1

This is SW-CALPRM	1x1
Counter for repeating the output stage activation of the dump valve in system state POSTDRIVE	1x1
Threshold massflow for deactivation boost pressure control (small vehicle speed feature)	1x1
Offset pressure for deactivation boost pressure control (small vehicle speed feature)	1x1
Pulsation threshold (max) for boost pressure pulsation detection (bank 1)	1x1
Pulsation threshold (min) for boost pressure pulsation detection (bank 1)	1x1
Pulsation threshold (max) for boost pressure pulsation detection (bank 1)	1x1
Pulsation threshold (min) for boost pressure pulsation detection (bank 1)	1x1
Threshold (max) to reset the pulsation detection for the boost pressure (bank 1)	1x1
Threshold (min) to reset the pulsation detection for the boost pressure (bank 1)	1x1
Amplification factor of high pass filter (bank 1)	1x1
Surge line of the tc (bank 1)	4x1
square root from ratio temperature upstream compressor to standard temperature	7x1
Debounce time for driving the output stage of the dump valve in system state POSTDRIVE	1x1
Activationtime for deactivation the output stage of the dump valve in system state POSTDRIVE	1x1
Activation time for activation the output stage of the dump valve in system state POSTDRIVE	1x1
Time constant high pass for pressure downstream compressor filtering (Bank 1)	1x1
Pulsation cycle time (of boost pressure) (bank 1)	1x1
Time for which the boost pressure has to be (almost) free of pulsations to reset pulsation detection (bank 1)	1x1
Delta vehicle speed for hysteresis for toggle prevention	1x1
Threshold vehicle speed for deactivation of the closed loop boost pressure control during vehicle stopp	1x1
Characteristic enabling flag B_trkh	8x1
BypEtk_10msStimuli_C	1x1
BypEtk_Seg1Stimuli_C	1x1
BypEtk_stAscet_C	1x1
Function enabled with code word CDDSBKV	1x1
Calibration for condition: diagnosis DEGFE enabled.	1x1
Calibration for request of general torque margin quick trip	1x1
Calibration for condition function request short dew-point end time	1x1
Calibration for condition function request end of line test	1x1
Calibration for Condition for function request cylinder imbalance	1x1
Calibration for Condition function request DSS	1x1
Calibration for condition function request dynamic diagnosis of LSU	1x1
Calibration for Condition: Requirement for the clearing of the slow filling adaption values	1x1
Calibration for Function request fuel on rolling mode via tester	1x1
Calibration for Condition function request MAF	1x1
Calibration for condition function request diagnosis after cata Lambda sensor heating	1x1
Calibration requirement adaption close loop	1x1
Calibration for condition: requirement open loop	1x1
Calibration for Condition Function demand oxygen sensor heating before start	1x1
Calibration for Condition function request diagnosis leckage to manifold for short test	1x1
Calibration for enable bit for speed request for end of production line test	1x1
Calibration for Condition: function request for opening MSV	1x1
Calibration for Tester request for parallel diagnosis	1x1
Calibration for Condition function request: storage catalyst diagnosis	1x1
Calibration for condition leak detection request	1x1
Calibration for condition driver demand sport mode	1x1
Calibration for condition general function request	1x1
B_pbkvgg_C	1x1
B_vhegfe_Dummy_C Calibration for condition: high valve lift for timing of air charge determination (one calculation step before calculation of air charge for switched cylinder)	1x1
maximum number occurences catalyst damaginging at high scavenging rate	1x1
Pulsation threshold (min) for dump valve diagnosis (pressure based)	1x1
Pulsation threshold (max) for dump valve diagnosis (pressure based)	1x1
Amplification factor of high pass filter	1x1
surge limit from the tc	6x1
Surge limit turbocharger	4x1
surge limit from the tc	6x1
Time constant high pass for pressure downstream compressor filtering	1x1
CCP active	1x1
CCP application	1x1
Parameter for B_cdafim	1x1
code word CARB: EURO byte for deactivation of tank press. sensor diagn.	1x1
codeword to select over which purge line CPV-check will be done with pressure sensor	1x1
codeword to enable tank leak diagnosis (Euro coding)	1x1
Switch off code word diagnosis temperature cooler output (EURO coding), CD..=0 - No diagnosis.	1x1
code word dynamic diagnosis (SHK) in OBDII mode (inv.: Europe mode)	1x1
Codeword Dynamic diagnosis of LSU	1x1
code word for activation of HFM Functions	1x1
Used to enable or disable the activation of selected diagnostics	1x1
code to deactivate and reset the adaptation	1x1
Codeword for fuel level sensor rationality check activation	1x1
Codeword Diagnosis of influence of heater on nernst cell	1x1
code word for activation of DHRLSU	1x1
code word for activation of DHRLSUE	1x1
code word heating diagnose after Kat (CDHSH = 0 => no diagnosis)	1x1
Codeword Diagnosis: evaluation IC for universal lambda sensor LSU	1x1
code word: catalyst diagnosis in OBDII-mode (inverse: European mode)	1x1
code word: DKVS active/inactive, CD..=0 -> no diagnosis	1x1
code word: DKVSSC active	1x1
code word oxygen sensor aging diagnosis (SHK) in OBDII mode (inv.: Europe mode)	1x1
code word DLLR inactive (EURO-coding), CD..=0 -> no diagnosis	1x1
code word oxygen sensor aging diagnosis (SHK) in OBDII mode (inv.: Europe mode)	1x1
code word DLLR inactive (EURO-coding), CD..=0 -> no diagnosis	1x1
code word lambda sensor diagnosis behind KAT in OBDII-Mode (invers: Europe mode)	1x1
codeword activation diagnosis LSU-system fault	1x1
code word DMD inactive(EURO-coding), CD..=0 -> no diagnosis	1x1
code word DNWS disable (EURO-coding), CD..=0 -> no diagnosis	1x1
Codeword Plausibility check LSU	1x1
code word secondary air system in OBDII mode (inv: Europe mode)	1x1
code word DSWE inactive (EURO-Coding), CD..=0 -> no diagnosis	1x1
code word DTANKL inactive (EURO-coding), CD..=0 -> no diagnosis	1x1
code word disable canister-purge monitoring (Euro coding), CD..=0 -> no dia.	1x1
codeword to enable tank leak diagnosis, smallest leak	1x1
code word disable canister-purge monitoring second purge line (Euro coding), CD..=0 -> no dia.	1x1
code word disable canister-purge monitoring intake manifold pressure check (Euro coding), CD..=0 - no dia.	1x1
Codeword Voltage diagnosis of LSU	1x1
char. map:number of driving cycles with cond. radiation power high for tmot stuck check	4x4
char. map: number of driving cycles with cond. radiation power low for tmot stuck check	4x4
Correction factor for heat transition to engine coolant at GDIs specific modes	8x1
char. Curve: Delay time for usage of reference model gradient during running engine after first engine stop	4x1
char. Curve: Delay time for detection of falling engine temperature after first engine stop	4x1

influence water pump for engine coolant temperature model during engine off phases	5x1
weighting factor for calculating the initial-value of engine-coolant replacement value	1x1
Factor engine off time for model temperature	5x1
Flag for eingine compartment temperature sensor freez enable	1x1
Lower threshold value for imlatm (tmhsrc enabling of the operating range)	1x1
maximum threshold of air-mass flow for condition radiation power high	5x1
minimum threshold of air-mass flow for condition radiation power high	5x1
maximum threshold of air-mass flow for condition radiation power low	5x1
minimum threshold of air-mass flow for condition radiation power low	5x1
nmot threshold (tmhsrc enabling of the operating range)	1x1
upper threshold for engine speed enabling Low-Side-check engine coolant temeprature sensor	1x1
lower threshold for engine speed disabling Low-Side-check engine coolant temperature sensor	1x1
code word: diagnosis configuration for tans	1x1
code word: diagnosis configuration of engine coolant temperature sensor	1x1
code word: diagnosis configuration for tans	1x1
Code word for switch of the condition engine stop time for stuck check	1x1
code word: diagnosis configuration for tans	1x1
code word for cinfiguration of refernce temperature model	1x1
codeword for configuration of replacement model engine coolant temperature	1x1
codeword for configuration of DeviceDriver engine coolant temperature sensor	1x1
codeword for configuration of signal availability engine coolant temperature sensor	1x1
offset on engine temperature model to upper threshold for non-plausibility	1x1
offset on engine temperature model to lower threshold for non-plausibility	1x1
threshold difference (min and max value) engine coolant temperature for Stuck-Check	8x1
Temperature gradient High-Side-Check model for fuel cut-off for Gasoline Engine	5x1
Temperature gradient for high side check model (gasoline engines)	5x5
reference temperature model: cooling down gradient for running combustion engine	6x4
Reference Model: gradient ambient air temperature influence (gasoline engine) during fuel cutoff	4x1
char. map for correction gradient of engine coolant temp. at low warming up	4x5
Reference Model: gradient influence load (gasoline engine) during fuel cutoff	4x5
char. map for load at stratified operation mode in reference model	4x5
char. map for load in reference model	4x5
char. map for gradient of engine coolant temperature in reference model for engine off state	4x4
map for heating of engine coolant (for gasoline engines)	5x4
Minimum value for ""high side check"" temperature model (tmhsrc)	1x1
Maximum value for ""high side check"" temperature model (tmhsrc)	1x1
Temperature offset for the model (by TUM/VFZG correction)	4x4
tmotlin offset (safety factor for TMOT diagnosis / Max. plaus. temp.)	1x1
debounce time for engine rotation	1x1
Delay time to disable the diagnosis High side check (physical conditions)	1x1
Delay time after fault detection (diagnosis ""high side check"")	1x1
Delay time after enabling/healing (diagnosis ""high side check"")	1x1
debounce time error detection Loose-Connection-Check eingine compartment temperature sensor	1x1
debounce time error Loose-Connection-Check eingine compartment temperature sensor	1x1
Delay time to disable the diagnosis low side check (physical conditions)	1x1
Delay time to heal error of diagnosis low side check Engine Coolant Temperature Sensor	1x1
deboucning time for engine speed higher upper enabling threshold Low-Side-check engine coolant temperature sensor	1x1
deboucning time for engine speed lower upper threshold disablingd Low-Side-check engine coolant temperature sensor	1x1
Delay time for usage of reference model gradient during running engine before first engine stop	1x1
char. map: Delay time for usage of reference model gradient during running engine after first engine stop	8x8
debounce time for detection of long engine off phases	1x1
Delay time for detection of falling engine temperature before first engine stop	1x1
char. map: Delay time for detection of falling engine temperature after first engine stop	8x8
time constant for change of heat transition ratio due to mode homogeneous-lean	1x1
time constant for change of heat transition ratio due to mode stratified	1x1
debounce time error Signal-Check eingine compartment temperature sensor	1x1
debounce time healing Signal-Check eingine compartment temperature sensor	1x1
debounce time electrical validity eingine compartment temperature sensor	1x1
debounce time error Signal-Range-Check eingine compartment temperature sensor	1x1
debounce time healing Signal-Range-Check eingine compartment temperature sensor	1x1
time constant for filterung vehicle speed during elctrical driving phases	1x1
Lowpassfilterconstant for switch from replacement to sensor value of tmot	1x1
Time constant for filtering the raw sensor voltage for engine coolant sensor	1x1
accumulated waiting time out of matched area to reset cond. radiation power high	1x1
waiting time within matched area to set condition radiation power high	1x1
Upper threshold for condition stuck check	1x1
accumulated waiting time out of matched area to reset cond. radiation power low	1x1
waiting time within matched area to set condition radiation power low	1x1
threshold reference value of the engine temperature model for enabling of Low-Side-Check Engine Coolant Temperature Sensor	1x1
end value of reference model value in depending on ambient temperature for LSC Kühlmitteltemperatur	4x1
Curve: engine coolant temperature at first start depending on ambient temperature	4x1
endvalue of reference temperature model	4x1
Lowest Possible start vaue for Engine Temperature model	1x1
final temperature for substitute value of engine temperature	1x1
initialization value engine coolant temperature replacement model	1x1
minimum threshold of substitute engine temperature for stuck signal check	1x1
upper threshold of engine coolant temp. for stuck signal check	1x1
lower threshold of engine coolant temp. for stuck signal check	1x1
Initialisation value for engine shut off temperature in case of power failure	1x1
maximum threshold for enabling tmst-correction in case of active block-heater	1x1
linearisation curve sensor voltage engine coolant temperature	20x1
theshold for absolute value difference sensor voltage (filtered - unfiltered) engine coolant temperature sensor	1x1
default value sensor voltage engine coolant temperature sensor	1x1
upper threshold sensor voltagefor signal-range-check engine coolant temperature sensor	1x1
lower threshold sensor voltagefor signal-range-check engine coolant temperature sensor	1x1
upper vehicle speed threshold for condition radiation power high	1x1
lower vehicle speed threshold for condition radiation power high	1x1
upper vehicle speed threshold for condition radiation power low	1x1
lower vehicle speed threshold for condition radiation power low	1x1
Delta engine speed from velocity and engine temperature	5x5
Engine-speed for fuel cut-in	11x5
Correction factor for time constant for settling of rlsol	5x1
Nominal Degree of efficiency of the charger.	1x1
Map of the optimal degree of efficiency of the charger	16x14
Weighting factor to include correction norm condition (temperature)	1x1
Delta for activation of Filter	1x1
Curve of square root	7x1
Curve for considering the influence of coolant temperature on the throttle valve temperature	8x1
Weighting facotr for calculation of the throttle valve bearing temperature	1x1

Ambient pressure at norm conditions (calibrateable)	1x1
Maximal pressure ratio between pressures before and after the charger.	1x1
Ambient temperature at norm conditions (calibrateable)	1x1
Temperatur difference before and after throttle valve.	1x1
time constant for filter while limitation is active	6x1
time constant for filter while limitation is inactive	6x1
Filter constant for filtering of the modeled throttle valve (bearing) temperature	1x1
Initial value for the temperature after the charger.	1x1
Limit value for the temperature after the charger in case of open loop control.	1x1
Maximum for the temperature after the charger for throttle valve thermal protection	1x1
Maximum for the temperature after the charger in case of closed loop control.	1x1
Class for the calculation of the temperature-dependent charger pressure limitation / Upper limitation for the I-part of the PI-controller.	1x1
Class for the calculation of the temperature-dependent charger pressure limitation / Upper limitation for the I-part of the PI-controller.	1x1
Class for the calculation of the temperature-dependent charger pressure limitation / Fixed curve for the exponential calculation: x to the power of 1(kappa-1), where kappa is the isentropic exponent.	12x1
Class for the calculation of the temperature-dependent charger pressure limitation / Coefficient for the I-part of the PI-controller.	1x1
Class for the calculation of the temperature-dependent charger pressure limitation / Isentropic exponent of the ideal gas.	1x1
Class for the calculation of the temperature-dependent charger pressure limitation / Coefficient for the P-part of the PI-controller.	1x1
Class for the calculation of the temperature-dependent charger pressure limitation / Fixed curve for the exponential calculation: x to the power of kappa(kappa-1), where kappa is the isentropic exponent.	12x1
Class for the calculation of the temperature-dependent charger pressure limitation / Maximal pressure ratio between pressures before and after the charger.	1x1
Class for the calculation of the temperature-dependent charger pressure limitation / Threshold for the hysteresis to switch on or switch off the closed loop control.	1x1
Class for the calculation of the temperature-dependent charger pressure limitation / Threshold to switch on the closed loop control.	1x1
Class for the calculation of the temperature-dependent charger pressure limitation / Threshold for the hysteresis to switch on or switch off the closed loop control.	1x1
Class for the calculation of the temperature-dependent charger pressure limitation / Threshold to switch on the closed loop control.	1x1
Class for the calculation of the temperature-dependent charger pressure limitation / Time constant of the boost control.	1x1
Class for the calculation of the temperature-dependent charger pressure limitation / Desired time constant for the trajectory of the temperature after the charger.	1x1
Class for the calculation of the temperature-dependent charger pressure limitation / Time constant of the temperature measurement.	1x1
Minimum number of adaptations at which clearing of the learned values is allowed	1x1
Number of values for averaging of engine roughness	1x1
Maximum number of adaption cycles (high and low range) in the current driving cycle.	1x1
Total number of synchros between injection adjustment and visible reaction in engine roughness signal	1x1
Total number of synchros in which measurement is intermitted after misfire	1x1
Threshold for IUMPR Ghost Counter after which CILCN_bFrzDiag can be set	1x1
maximum permissible counter value for CILCN_tUInjLim until stop of the adaption	1x1
Threshold 1 minimum adaption time IUMPR counter	1x1
Threshold 2 minimum adaption time IUMPR counter	1x1
Maximum permissible number of misfire for lambda balance cylinder	1x1
Maximum permissible number of misfire for enleand cylinder	1x1
Maximum permissible number of misfires of not test cylinder	1x1
Maximun number of increased pre-enrichments due to misfire	1x1
Maximum number of bank repetitions, automatic transmission	1x1
Maximum number of bank repetitions, manual transmission	1x1
Threshold of maximum permissible, filtered load dynamics	1x1
Threshold of maximum permissible, filtered load dynamics	1x1
Factor that determines the permissible number of adaptions in the high range depending on the adaptions in the low range	1x1
additional correction due to relative load of correction values for cylinder 1	12x16
additional correction due to relative load of correction values for cylinder 2	12x16
additional correction due to relative load of correction values for cylinder 3	12x16
additional correction due to relative load of correction values for cylinder 4	12x16
additional correction due to relative load of correction values in tester mode	4x1
Filter coefficient which are dependent on Engine Speed dynamics for calculation of adaptation values	6x1
Gear dependent Filter coefficient for the adaptation values	5x1
Filter coefficient which are dependent on relative load for calculation of adaptation values	6x1
Filtering factor of the adaption values in case of misfires in non-testing cylinders	1x1
Filter coefficient which are dependent on relative load for calculation of adaptation values	6x1
Filtering factor of the adaption values in case of misfires in non-testing cylinders	1x1
Filter coefficient values which are depentent on adaptation values	6x1
Filtering factor for the adaption values in the tester operation	12x1
Engine speed and load dependent map for determining the application areas of the adaption values	6x8
weighting map of the high range	20x20
Filter coefficient for the filtering of the relative load rl_w	1x1
Filter coefficient for filtering the difference between the voltage of the oxygen sensor downstrem and the filtered voltage of the oxygen sensor downstream	1x1
Filter coefficient for the oxygen sensor voltage	1x1
Value by which the mass air flow integral is reduced in the new driving cycle	6x6
Lower engine speed threshold for selection of quantity deviation map	1x1
Medium engine speed threshold for selection of quantity deviation map	1x1
Medium engine speed threshold for selection of quantity deviation map	1x1
Upper engine speed threshold for selection of quantity deviation map	1x1
maximally allowed engine speed dynamic without finished trigger wheel adaption	1x1
maximally allowed engine speed dynamic without finished trigger wheel adaption	1x1
maximally allowed engine speed dynamic with finished trigger wheel adaption	1x1
maximally allowed engine speed dynamic with finished trigger wheel adaption	1x1
Threshold engine speed after gear shift	1x1
Upper engine speed threshold for determining the operating range HIGH, automatic transmission	1x1
Upper engine speed threshold for determining the operating range HIGH, manual transmission	1x1
Lower engine speed threshold for determining the operating range HIGH, automatic transmission	1x1
Lower engine speed threshold for determining the operating range HIGH, manual transmission	1x1
Hysteresis for the upper engine speed thresholds CILCN_nOpRngLoHi_C and CILCN_nOpRngHiHi_C for determining the operating ranges LOW and HIGH, automatic transmission	1x1
Hysteresis for the upper engine speed thresholds CILCN_nOpRngLoHi_C and CILCN_nOpRngHiHi_C for determining the operating ranges LOW and HIGH, manual transmission	1x1
Hysteresis for the lower engine speed thresholds CILCN_nOpRngLoLo_C and CILCN_nOpRngHiLo_C for determining the operating ranges LOW and HIGH, automatic transmission	1x1
Hysteresis for the lower engine speed thresholds CILCN_nOpRngLoLo_C and CILCN_nOpRngHiLo_C for determining the operating ranges LOW and HIGH, manual transmission	1x1
Upper engine speed threshold for determining the operating range LOW, automatic transmission	1x1
Upper engine speed threshold for determining the operating range LOW, manual transmission	1x1
Lower engine speed threshold for determining the operating range LOW, automatic transmission	1x1
Lower engine speed threshold for determining the operating range LOW, manual transmission	1x1
Upper engine speed threshold for determining the monitoring range in case of an activated service tester	1x1
Lower engine speed threshold for determining the monitoring range in case of an activated service tester	1x1
Lower engine speed threshold for determining the monitoring range in case of an activated service tester	1x1
Decrement step for the Cylinder specific Misfire Abort Counte	1x1
Maximum admissible threshold for the Cylinder specific Misfire Abort Counter	1x1
Decrement step for the Global Misfire Abort Counter	1x1
Maximum admissible threshold for the Global Misfire Abort Counter	1x1
Increment step for the Global Misfire Abort Counter	1x1
Increment step for the Cylinder specific Misfire Abort Counter	1x1
Number of Min Max Points to be considered for Outlier Rejection	1x1
number of maximum adaptions in case of high deviation of one cylinder until slow adaption is finished with error	1x1
number of adaptions until slow adaption is finished	1x1
Maximium permissible number of adaption stopps until lean error is set	1x1
Number of closed adaptions in the low range from which no restriction of the high range takes place anymore	1x1
Number of minimum required adaption in the low range from which an adaption in the high range is possible	1x1
Number of adaption cycles in the tester operation till the adaption is closed	1x1
Number of the segmentsynchronization cycles in the fasterer error path, which are necessary after the completion of an error-free adaption to also detect a theoretically existing error.	1x1
Number of the segmentsynchronization cycles in the slower error path, which are necessary after the completion of an error-free adaption to also detect a theoretically existing error.	1x1
Highest gear (Tra_numGear), in case of which the adaptation is still enabled for automatic transmission	1x1
Highest gear (Tra_numGear), in case of which the adaptation is still enabled for manual transmission	1x1

Lowest gear (Tra_numGear), in case of which the adaptation is still enabled for automatic tranmission	1x1
Lowest gear (Tra_numGear), in case of which the adaptation is still enabled for manual transmission	1x1
High priority for the DSCHED	1x1
Low priority for the DSCHED	1x1
Priority for the DSCHED in case of an activated service tester	1x1
Minimum environmental pressure (pu_w), in case of which the adaptation is still enabled	1x1
Permissible ignition angle deviation till the function is frozen in tester mode.	1x1
Permissible ignition angle deviation till the function is frozen.	1x1
Temperature dependent curve as air mass flow threshold for activation of CilCn	6x1
Torque - engine roughness map for determination of quantity deviation, bank1, automatic transmission	15x8
Torque - engine roughness map for determination of quantity deviation, bank1, manual transmission	15x8
Torque - engine roughness map for determination of quantity deviation, bank1, automatic transmission	15x8
Torque - engine roughness map for determination of quantity deviation, bank1, manual transmission	15x8
Torque - engine roughness map for determination of quantity deviation, bank1, automatic transmission	15x8
Torque - engine roughness map for determination of quantity deviation, bank1, manual transmission	15x8
Torque - engine roughness map for determination of quantity deviation, bank1, automatic transmission	15x8
Torque - engine roughness map for determination of quantity deviation, bank1, manual transmission	15x8
Torque - engine roughness map for determination of quantity deviation, bank1, automatic transmission	15x1
Torque - engine roughness map for determination of quantity deviation, bank1, manual transmission	15x1
Maximum permissible deviation of the worst cylinder from the bank mean value where the adaption is ended after execution of the maximum desired adaption CILCN_ctDrvgCyclMax_C.	1x1
Maximum permissible positive deviation of the worst cylinder from the bank average value after slow adaption is finished	1x1
Maximum permissible positive deviation of the worst cylinder from the bank mean value without a bank repetition being carried out	6x1
Maximum permissible negative deviation of the worst cylinder from the bank mean value without a bank repetition being carried out	6x1
Maximum fuel amount of tank ventilation (fkatei), at which the adaptation can be started	1x1
Relative enleanment of the cylinder during enleanment, tester mode	1x1
Relative enleanment of the cylinder during enleanment	1x1
Calibration value for preenrichment, tester mode	1x1
Calibration value for preenrichment	1x1
Maximum admissible difference between the maximum and minimum filtered load during the enleanment ramp	1x1
Maximum admissible difference between the maximum and minimum filtered load during the enleanment ramp	1x1
Percentage-wise pre-enrichment of the test cylinder after occurring of misfires	10x1
Upper threshold for the relative air charge in order to determine the operating range HIGH depending on the engine speed nmot for automatic transmission	6x1
Upper threshold for the relative air charge in order to determine the operating range HIGH depending on the engine speed nmot for manual transmission	6x1
Lower threshold for the relative air charge in order to determine the operating range HIGH depending on the engine speed nmot for automatic transmission	6x1
Lower threshold for the relative air charge in order to determine the operating range HIGH depending on the engine speed nmot for manual transmission	6x1
Hysteresis for the upper thresholds of the relative air charge CILCN_rOpRngLoHi_CUR and CILCN_r- OpRngHiHi_CUR for determining the operating ranges LOW and HIGH for automatic transmission	1x1
Hysteresis for the upper thresholds of the relative air charge CILCN_rOpRngLoHi_CUR and CILCN_r- OpRngHiHi_CUR for determining the operating ranges LOW and HIGH for manual transmission	1x1
Hysteresis for the lower thresholds of the relative air charge CILCN_rOpRngLoLo_CUR and CILCN_r- OpRngHiLo_CUR for determining the operating ranges LOW and HIGH for automatic transmission	1x1
Hysteresis for the lower thresholds of the relative air charge CILCN_rOpRngLoLo_CUR and CILCN_r- OpRngHiLo_CUR for determining the operating ranges LOW and HIGH for manual transmission	1x1
Upper threshold for the relative air charge in order to determine the operating range LOW depending on the engine speed nmot for automatic transmission	6x1
Upper threshold for the relative air charge in order to determine the operating range LOW depending on the engine speed nmot for manual transmission	6x1
Lower threshold for the relative air charge in order to determine the operating range LOW depending on the engine speed nmot for automatic transmission	6x1
Lower threshold for the relative air charge in order to determine the operating range LOW depending on the engine speed nmot for manual transmission	6x1
Upper threshold for the relative air charge in order to determine the monitoring range in case of an activated service tester	1x1
Lower threshold for the relative air charge in order to determine the monitoring range in case of an activated service tester	1x1
Limitation of the filtered adaption values (maximum correction)	1x1
Limitation of the filtered adaption values (minimum correction)	1x1
Parameter for activation of different features in CILCN_Diag	1x1
bitstring for activation of different application facilities	1x1
Bit mask for the basic enabling conditions CILCN_stBasCond in case of an activated service tester	1x1
Bit mask for the basic enabling conditions CILCN_stBasCond in case of a deactivated service tester	1x1
Activation or deactivation of camshaft control for the adaptation	1x1
Bit mask for the enabling conditions CILCN_stEngRghCond of the engine roughness signal	1x1
Switch for activating the charging correction maps	1x1
Activation or deactivation of the reduction in fuel amount by the tank ventilation for the adaptation	1x1
Bitcoded mask to activate the freeze conditions	1x1
Cylinder individual status of the Injections during the adaptation steps	4x4
Acitvation of DFCs DFC_CILCNMsfMax (Bit 0=1) and DFC_CILCNMsfMaxSum (Bit 1=1)	1x1
Activation or deactivation of rail pressure adjustment for the adaptation	1x1
Activation or deactivation of the switchover to single injection for the adaptation	1x1
Bit mask for the diagnosis-dependent release. Which diagnosis functions should have been already carried out before the CILCN function for starting the adaptation	1x1
Switch for selection of the condition adaption is finished	1x1
Switch for deactivating the query forced amplitude inactive during the transition to the state DlyAdap	1x1
Switch for deleting adaption values	1x1
Switch for deactivation of the adaption values in catalyst heating	1x1
Switch for deactivation of base condition homogenous injection activ	1x1
Switch for deactivation of the maximally permissible adaption time	1x1
Switch for the activation of the median filtering	1x1
Switch for activation of the B_frastab-check for the basic enabling conditions	1x1
Switch for mode for reset of learn values	1x1
Switch for activating the function CILCN	1x1
Switch for activate the tester operation	1x1
Switch for activation of slow error path diagnosis	1x1
Switch for triggering the tester mode	1x1
Maximum temperature in primary catalytic converter	1x1
Minimum temperature in primary catalytic converter	1x1
Maximum engine temperature (tmot), in case of which the adaptation is still enabled	1x1
Minimum engine temperature (tmot), in case of which the adaptation is still enabled	1x1
Minimum environmental temperature (tumg), in case of which the adaptation is still enabled	1x1
time out for state RstAdapCond	1x1
time out for state SetAdapCond	1x1
During this waiting time, the system can be stabilized after the interventions for the adaptation	1x1
During this waiting time, the system can be stabilized after the interventions for the adaptation	1x1
Long waiting time before the restart of an adaptation if an complete adaptation has already been carried out	1x1
Short waiting time before the restart of an adaptation if no complete adaptation has already been carried out	1x1
Short waiting time before the restart of an adaptation if no complete adaptation has already been carried out	1x1
Waiting time before the restart of an adaptation in case of an activated service tester	1x1
delay time for gear shift active in order to enable the diagnosis	1x1
Delay time for engine speed change after gear shift	1x1
Waiting time after entering in a valid operating range until the basic condition is set as fulfilled	1x1
Waiting time after end of start, before the adaptation can be started in case of an activated service tester	1x1
Waiting time after end of start, before the adaptation can be started in case of a deactivated service tester	1x1
Maximum acceptable voltage of the oxygen sensor downstrem	1x1
Minimum acceptable voltage of the oxygen sensor downstrem	1x1
Maximum acceptable gradient of the voltage of the oxygen sensor downstrem	1x1
Minimum acceptable gradient of voltage of the oxygen sensor downstrem	1x1
CJ950 number of used IC	1x1
Structure containing debounce time parameters for Clth2/Time for a high to low transition / Time for a High to Low transition	1x1
Structure containing debounce time parameters for Clth2/Time for a high to low transition / Time for a Low to High transition	1x1

Structure containing debounce time parameters for Clth3 / Time for a High to Low transition	1x1
Structure containing debounce time parameters for Clth3 / Time for a Low to High transition	1x1
Structure containing debounce time parameters for Clth4 / Time for a High to Low transition	1x1
Structure containing debounce time parameters for Clth4 / Time for a Low to High transition	1x1
Structure containing debounce time parameters for EPB Received Time Out / Time for a High to Low transition	1x1
Structure containing debounce time parameters for EPB Received Time Out / Time for a Low to High transition	1x1
Debounce structure for clutch signal / Time for a High to Low transition	1x1
Debounce structure for clutch signal / Time for a Low to High transition	1x1
Stroke sensor and deepest clutch switch is present	1x1
Threshold for Engine speed to detect Clutch 2 or Clutch 4 ON stuck error	1x1
Minimal engine speed for gear shift detection	1x1
Gear in which slipping clutch will be detected	1x1
Default clutch information in case of error or stroke sensor not installed	1x1
Max threshold of stroke sensor above which error is detected if deepest clutch switch is not pressed	1x1
Min threshold of stroke sensor below which error is detected if deepest clutch switch is pressed	1x1
Calibration for clutch stroke centre value for cruise control cut off	1x1
Calibration for clutch stroke centre value for Ideal Stop	1x1
Calibration for clutch stroke centre value for shift indication	1x1
Calibration for clutch stroke upper value for cruise control cut off	1x1
Calibration for clutch stroke higher value for Idle Stop	1x1
Calibration for clutch stroke upper value for shift indication	1x1
Calibration for clutch stroke higher value for Idle Stop	1x1
Calibration for clutch stroke upper value for shift indication	1x1
Calibration for clutch stroke lower value for cruise control cut off	1x1
Calibration for clutch stroke lower value for Idle Stop	1x1
Calibration for clutch stroke lower value for shift indication	1x1
calibration for Extended clutch pedal status	1x1
Replacement value for Clutch 2 or Clutch 4 stuck error	1x1
Default value of clutch state	1x1
Bit mask to detect the open clutch status	1x1
Clutch state: clutch is slipping closed	1x1
Clutch state: clutch is slipping open	1x1
Clutch state: clutch is slipping	1x1
calibration for activation of clutch stroke sensor	1x1
calibration for activation of clutch stroke sensor	1x1
calibration for activation of clutch stroke sensor	1x1
Switch to select the clutch signal source for calculation of 25% and 75% switching point	1x1
Switch for cluth condition	1x1
Switch for signal source of clutch state	1x1
Debouncing time to detect error Clth_stPlausErr0	1x1
Debouncing time to detect error Clth_stPlausErr1	1x1
Threshold for timer to detect release status of clutch 2	1x1
Threshold for timer to detect release status of clutch 3	1x1
Threshold for timer to detect release status of clutch 4	1x1
Debounce time after which EPB communication is declared	1x1
Debounce time for gear shift detection	1x1
Minimal vehicle speed for gear shift detection	1x1
Threshold for Vehicle speed to detect Clutch 2 or Clutch 4 ON stuck error	1x1
Config.-byte for dtermination of target engine speed at idle	1x1
Codeword to configure the function MDVER	1x1
Number of working cylces to decrement th counter ctrveescyl	1x1
Calibratable bit mask for GlbDa_stTrqDem to disable fuel enrichment during torque interventions	1x1
Lamp3 parameter set / Speed threshold for visiual lamp test	1x1
Calibratable bit mask for GlbDa_stTrqDem to disable fuel enrichment during torque interventions	1x1
Lamp3 parameter set / Speed threshold for visiual lamp test	1x1
Lamp3 parameter set / Maximum time limit after ignition on to actuate additional lamp during visiual lamp test	1x1
Lamp3 parameter set / Additional time interval to actuate additional lamp during visiual lamp test	1x1
Lamp3 parameter set / Time interval to switch off additional lamp during visiual lamp test	1x1
Lamp3 parameter set / Time for blinking of additional lamp	1x1
Lamp3 parameter set / Switch for activation of additional lamp	1x1
Lamp4 Parameter set / Speed threshold for visiual lamp test	1x1
Lamp4 Parameter set / Maximum time limit after ignition on to actuate additional lamp during visiual lamp test	1x1
Lamp4 Parameter set / Additional time interval to actuate additional lamp during visiual lamp test	1x1
Lamp4 Parameter set / Time interval to switch off additional lamp during visiual lamp test	1x1
Lamp4 Parameter set / Time for blinking of additional lamp	1x1
Lamp4 Parameter set / Switch for activation of additional lamp	1x1
Lamp5 parameter set / Speed threshold for visiual lamp test	1x1
Lamp5 parameter set / Maximum time limit after ignition on to actuate additional lamp during visiual lamp test	1x1
Lamp5 parameter set / Additional time interval to actuate additional lamp during visiual lamp test	1x1
Lamp5 parameter set / Time interval to switch off additional lamp during visiual lamp test	1x1
Lamp5 parameter set / Time for blinking of additional lamp	1x1
Lamp5 parameter set / Switch for activation of additional lamp	1x1
Lamp6 multi-information parameter set / Speed threshold for visiual lamp test	1x1
Lamp6 multi-information parameter set / Maximum time limit after ignition on to actuate additional lamp during visiual lamp test	1x1
Lamp6 multi-information parameter set / Additional time interval to actuate additional lamp during visiual lamp test	1x1
Lamp6 multi-information parameter set / Time interval to switch off additional lamp during visiual lamp test	1x1
Lamp6 multi-information parameter set / Time for blinking of additional lamp	1x1
Lamp6 multi-information parameter set / Switch for activation of additional lamp	1x1
Lamp6 parameter set / Speed threshold for visiual lamp test	1x1
Lamp6 parameter set / Maximum time limit after ignition on to actuate additional lamp during visiual lamp test	1x1
Lamp6 parameter set / Additional time interval to actuate additional lamp during visiual lamp test	1x1
Lamp6 parameter set / Time interval to switch off additional lamp during visiual lamp test	1x1
Lamp6 parameter set / Time for blinking of additional lamp	1x1
Lamp6 parameter set / Switch for activation of additional lamp	1x1
Lamp7 parameter set / Speed threshold for visiual lamp test	1x1
Lamp7 parameter set / Maximum time limit after ignition on to actuate additional lamp during visiual lamp test	1x1
Lamp7 parameter set / Additional time interval to actuate additional lamp during visiual lamp test	1x1
Lamp7 parameter set / Time interval to switch off additional lamp during visiual lamp test	1x1
Lamp7 parameter set / Time for blinking of additional lamp	1x1
Lamp7 parameter set / Switch for activation of additional lamp	1x1
Calibration to enable lamp8 / Speed threshold for visiual lamp test	1x1
Calibration to enable lamp8 / Maximum time limit after ignition on to actuate additional lamp during visiual lamp test	1x1
Calibration to enable lamp8 / Additional time interval to actuate additional lamp during visiual lamp test	1x1
Calibration to enable lamp8 / Time interval to switch off additional lamp during visiual lamp test	1x1
Calibration to enable lamp8 / Time for blinking of additional lamp	1x1
Calibration to enable lamp8 / Switch for activation of additional lamp	1x1
Upper hysteresis 1 for oil pressure warning lamp control change point for engine speed	1x1
Lower hysteresis 1 for oil pressure warning lamp control change point for engine speed	1x1
Upper hysteresis 2 for oil pressure warning lamp control change point for engine speed	1x1
Lower hysteresis 2 for oil pressure warning lamp control change point for engine speed	1x1
Lamp3 mode status	1x1
Lamp4 mode status	1x1
Lamp5 mode status	1x1

Lamp6 mode status	1x1
Lamp7 mode status	1x1
Calibration to select mode of behaviour (K3 or K5) for Lamp8	1x1
Masking parameter of oil pressure sensor errors	1x1
Switch to Enable Visual Lamp Test for Lamp7	1x1
Delay time for oil pressure warning lamp control in case of Idle stop brake away	1x1
Delay time for oil pressure warning lamp control	1x1
Delay time for oil pressure warning lamp control in case of direct engine run from idle stop	1x1
Delay time for oil pressure warning lamp control in Idle start-stop condition	1x1
Delay time for oil pressure warning lamp control in case of engine start from idle stop	1x1
Threshold in terms of vehicle acceleration for the outlet valve lift	1x1
Threshold in terms of vehicle acceleration for the outlet valve lift	1x1
Bit to Enable Engine Start order	1x1
Maximum acceleration pedal gradient for the outlet valve lift	1x1
Map for altitude and temperature correction of outlet valve lift shift	5x1
Parameter for selection whether T50 will be considered at Start-Stop Start or not.	1x1
Index to choose a temperture from the engine temperaturefield Eng_tFld for Start-Stop inhibition.	1x1
t.b.d	1x1
Increase of the restart engine speed due to AC compressor	11x5
Increase of the restart engine speed due to engine speed gradient for AT in drive	5x5
Increase of the restart engine speed due to engine speed gradient	5x5
Minimal engine speed threshold which desribes a running engine for OBD	1x1
Delta speed to restart fuel feed if air conditioning has just been switched on	1x1
Fixed value to increase the engine speed for fuel cut in	1x1
No urgent stop prohibition	1x1
No urgent start demand	1x1
Maximum filtered acceleration pedal position for the outlet valve lift	1x1
Test value for the map input (outlet valve)	1x1
Maximum relative load for the outlet valve lift	1x1
Minimum relative load for the outlet valve lift	1x1
minimum permissible lambda for homogeneous mode	5x1
Status to deactivate the stop enable condtitions for Start-Stop	3x1
Status to deactivate the start demand conditions for Start-Stop	2x1
Bitmask for selection map 1 for the outlet valve lift	1x1
Bitmask for selection map 2 for the outlet valve lift	1x1
Bitmask for selection of the setpoint maps for the outlet valve lift	1x1
Status of the demand for a running engine (stop prohibition or start demand).	34x1
Input selector for the valve lift setpoint map for the outlet valve	1x1
Bitcoded codeword for stop inhibitors from fuel purge system diagnosises	1x1
Parameter to decide, which transitions in CoEng_stMai have to be made via the restart-task (value of the corresponding bit position: true)	1x1
Class for valve lift setpoint map 0 / Map to define outlet valve lift set point	16x16
Class for valve lift setpoint map 1 / Map to define outlet valve lift set point	16x16
Class for valve lift setpoint map 2 / Map to define outlet valve lift set point	16x16
Outlet valve lift at if the valve lift shift is disabled by GevCtl	1x1
Initial setpoint for status of lift position for outlet valve lift	1x1
Highest permitted value for state setpoint of outlet valve lift	1x1
Setpoint for off-position of outlet valve lift	1x1
Threshold for the classification of a stop prohibition as urgent	1x1
Urgency of the stop prohibitions	34x1
Threshold for the classification of a start demand as urgent	1x1
Urgency of the start demands	34x1
Status to set the drag desire condtitions of start-stop for test purposes.	1x1
Status to inhibit the stop enable condtitions of start-stop for test purposes.	3x1
Status of simulation of start demanders of start-stop for test purposes.	2x1
Status to inhibit the start enable condtitions of start-stop for test purposes.	1x1
Bitmask for fuel cutoff inhibitions from torque demanding functions	1x1
Bit mask for shift-lock of outlet valve lift shift during torque demand intervention	1x1
General Codeword for CoEng_VlvLftSpOutl	1x1
Hysteresis delta for CoEng_tCylHdMaxStopEnbl_C	1x1
Maximal cylinder head temperature for stop permission of start-stop	1x1
Hysteresis delta for CoEng_tCylHdMinStopEnbl_C	1x1
Minimal cylinder head temperature for stop permission of start-stop	1x1
Hysteresis delta for CoEng_tEngMaxStopEnbl_C	1x1
Maximal engine temperature for stop permission of start-stop	1x1
Hysteresis delta for CoEng_tEngMinStopEnbl_C	1x1
Minimal engine temperature for stop permission of start-stop	1x1
Maximum engine temperature for the outlet valve lift	1x1
Minimum engine temperature for the outlet valve lift	1x1
Maximum exhaust temperature for the outlet valve lift	1x1
Minimum exhaust temperature for the outlet valve lift	1x1
Minimal engine run time after a long stop period for stop permission of start-stop	1x1
Debounce time for the acceleration pedal condition of the outlet valve lift	1x1
Debounce time for the freeze condition of the outlet valve lift	1x1
Time threshold for stop period to activate CoEng_tiDiStopAftEngOff_C	1x1
Minimal time threshold which declares together with CoEng_nEngMinObd_C the OBD definition of a running engine	1x1
delay time to diagnose turned off actuators while engine state afterrun is active	1x1
Time to retain delta speed for restarting fuel feed after air conditioning is switched on	1x1
Duration of tolerated exceeding of the exhaust temperature range without stop inhibition	2x1
Duration of tolerated undercut of the minimum turbo charger temperature without stop inhibition	1x1
Filter constant vehicle acceleration for the outlet valve lift	1x1
Maximum turbo charger temperature without stop inhibition of start-stop	1x1
Minimum turbo charger temperature without stop inhibition of start-stop	1x1
Maximum vehicle velocity for the outlet valve lift	1x1
Minimum vehicle velocity for the outlet valve lift	1x1
Switch strategy for valve lift switches from lifts that produce larger air charge / Thresold of air mass factor for moving of CamShafts into intermediate position	1x1
Switch strategy for valve lift switches from lifts that produce larger air charge / Calibration parameter for additional actuators that need to be triggered in the preparation phase of the valve lift switch	1x1
Switch strategy for valve lift switches from lifts that produce larger air charge / Desired Trigger	1x1
Switch strategy for valve lift switches from lifts that produce larger air charge / Time-out for state WAIT	1x1
Switch strategy for valve lift switches from lifts that produce larger air charge / Time-out for state INCAIR	1x1
Switch strategy for valve lift switches from lifts that produce larger air charge / Time-out for state PREPN	1x1
Switch strategy for valve lift switches from lifts that produce larger air charge / Accepted torque deviation	1x1
Switch strategy for valve lift switches from lifts that produce smaller air charge / Thresold of air mass factor for moving of CamShafts into intermediate position	1x1
Switch strategy for valve lift switches from lifts that produce smaller air charge / Additional triggers to calibrate when delta charge will be high	1x1
Switch strategy for valve lift switches from lifts that produce smaller air charge / Desired trigger for actuators	1x1
Switch strategy for valve lift switches from lifts that produce smaller air charge / Time-out state WAIT	1x1
Switch strategy for valve lift switches from lifts that produce smaller air charge / Time-out state PREPN	1x1
Switch strategy for valve lift switches from lifts that produce smaller air charge / Allowed torque deviation	1x1
Switch strategy for direct valve lift switches / Time-out state WAIT	1x1
Delta air mass threshold that decides that a coordinated torque neutral switch is necessary	1x1

CoEOM_EomMtrx_M	2x2
Initial setpoint for status of lift position for valve lift	1x1
Mapping value to provide the connection between mode number and the standardspecial meaning. The value of this label shows the new mode number with the meaning Special Lift	1x1
Calibration for CoEOM_stOpModeAct	1x1
status standard lift outlet	1x1
An interuption of the active cam switch is only allowed above this state value	1x1
An interuption of the active cam switch is only allowed below this state value	1x1
Delay time for slip expansion at change of EOM.	1x1
Electric Load Current Lower threshold	1x1
Electric load current high threshold	1x1
Threshold value of electrical load	1x1
EPS Load Lower threshold 1	1x1
EPS Load current Load 2	1x1
EPS Load current lower threshold 2	1x1
EPS current load higher threshold	1x1
Speed threshold value for set condition	1x1
Max. engine speed limitation request from Electrical Supply System	1x1
Minimum engine speed request 1	1x1
Minimum engine speed request 2	1x1
Minimum engine speed request 3	1x1
Basic threshold value for set condition	1x1
Calibration for Status of heater Limitation Signal	1x1
Switch to deactivate ramping function for blower fan minimum voltage request	1x1
Calibration parameter to select electrical load	1x1
Time for filtering of ACG output minimum voltage required from AC ECU.	1x1
High to low debounce time for battery voltage getting greater than threshold to set the default selection for ESS engine speed	1x1
High to low debounce time for battery voltage getting greater than threshold to set the calibration selection for ESS engine speed	1x1
High to low debounce time for engine speed getting greater than threshold to set the calibration selection for ESS engine speed	1x1
Low to high debounce time for battery voltage getting greater than threshold to set the default selection for ESS engine speed	1x1
Low to high debounce time for battery voltage getting greater than threshold to set the calibration selection for ESS engine speed	1x1
Low to high debounce time for engine speed getting greater than threshold to set the calibration selection for ESS engine speed	1x1
The default minimum voltage when there is no request from AC ECU	1x1
The ACG output minimum voltage is required from AC ECU.	1x1
The falling AC demand ACG voltage limit	1x1
The AC demand ACG voltage limit	1x1
The high limit of blower fan target voltage for slope ramp calculation	1x1
The low limit of blower fan target voltage for slope ramp calculation	1x1
The Lower limit of blower target voltage	1x1
The Upper limit of blower target voltage	1x1
Battery voltage threshold value for reset condition	1x1
Battery voltage threshold value for set condition	1x1
minimum supply voltage for IGC	5x5
Negative ramp slope value for blower fan minimum voltage request	1x1
Positive high ramp slope value for blower fan minimum voltage request	1x1
Positive low ramp slope value for blower fan minimum voltage request	1x1
Velocity threshold value for set condition	1x1
Threshold for calculation of torque ratio	1x1
Calibration: Request of filtering the end of an intervention by the driveability filter.	1x1
Codeword for function CoETS_TrqCalc	1x1
Alternator excitation current offset	1x1
Alternator Excitation current slope	1x1
Alternator excitation current offset	1x1
Alternator Excitation current slope	1x1
Alternator Duty cycle offset	1x1
Alternator Duty cycle slope	1x1
The switch for selection of ACG regulator of Type A or Type B	1x1
The switch for selection of ACG regulator of Type A or Type B	1x1
ACG temperature offset	1x1
ACG temperature slope	1x1
Maximum ACG temperature type B	1x1
Minimum ACG temperature type B	1x1
DCDC1	1x1
Disabling/enabling bit mask for reception message byte 0 from DCDC converter	1x1
Disabling/enabling bit mask for reception message byte 1 from DCDC converter	1x1
DCDC1	1x1
Calibration for DCDC reception error flag (ID 0x10 Byte1 bit 3)	1x1
DCDC1	1x1
Battery ID	1x1
Average LIN Battery Off condition	1x1
Average LIN Battery Off condition	1x1
Calibration parameter to hold initial value of signal Average Discharge Current during LIN Off	1x1
Offset of battery current information from type B sensor	1x1
Slope of battery current information from type B sensor	1x1
Maximum limit for battery current information from type B sensor	1x1
Minimum limit for battery current information from type B sensor	1x1
Resolution of battery current dependent on range value	1x1
Offset of battery current dependent on range value	1x1
Resolution of battery current dependent on range value 1	1x1
Offset of battery current dependent on range value 1	1x1
Resolution of battery current dependent on range value 2	1x1
Offset of battery current dependent on range value 2	1x1
Raw value of Battery Current	1x1
Calibration for offset of ast stand-by current after ignition off	1x1
Raw value of Battery Current	1x1
Calibration for offset of ast stand-by current after ignition off	1x1
Calibration for last stand-by current after ignition off	1x1
Offset calibration value for Stand-by current after ignition off	1x1
slope calibration value for Stand-by current after ignition off	1x1
Calibration for slope of last stand-by current after ignition off	1x1
Offset for Stand-by current at 1 hour after ignition off	1x1
Calibration for Stand-by current at 1 hour after ignition off	1x1
Offset for Stand-by current at 2 hour after ignition off	1x1
Calibration for Stand-by current at 1 hour after ignition off	1x1
Offset for Last stand-by current after ignition off	1x1
Calibration for Last stand-by current after ignition off	1x1
Maximum value of State of Charge	1x1
Minimum value of State of Charge	1x1
Calibration for offset of status of Type B Battery sensor charge	1x1
Calibration for slope of status of Type B Battery sensor charge	1x1
Offset of SOC	1x1
State of Charge slope factor	1x1
Calibration for upper limit of stratification rate	1x1
Calibration for lower limit of stratification rate	1x1

Calibraiton for offset of stratification rate	1x1
Calibration for slope of stratification rate	1x1
Calibration for stratification rate	1x1
Maximum value of actual measured battery resistance	1x1
Minimum value of actual measured battery resistance	1x1
Calibration for upper limit of internal resistance (except a starter)	1x1
Calibration for lower limit of internal resistance (except a starter)	1x1
Offset of SOH charge	1x1
Slope factor for State of Health with respect to charge capacity	1x1
Switch for setting SOC status	1x1
Max sensor temperature value	1x1
Min temperature sensor value	1x1
Maximum value of battery sensor temperature	1x1
Minimum value of battery sensor temperature	1x1
Offset of ASIC temperature of EBS	1x1
Resolution of ASIC temperature of EBS	1x1
Offset of battery temperature	1x1
Resolution of battery temperature	1x1
Offset calibration value for Duration after ignition off	1x1
slope calibration value for Duration after ignition off	1x1
Maximum value of battery voltage	1x1
Minimum value of battery voltage	1x1
offset value for Battery quiescent voltage	1x1
Slope value for Battery quiescent voltage	1x1
Offset value for battery voltage information	1x1
Slope value for battery voltage information	1x1
Battery Type	1x1
Offset of battery voltage	1x1
Resolution of battery voltage	1x1
Offset value for Battery quiescent voltage	1x1
Slope value for Battery quiescent voltage	1x1
Gradient of maximum accelerator pedal value (lower hysteresis value)	1x1
Gradient of maximum accelerator pedal value (lower hysteresis value)	1x1
Parameter for alternator efficiency in drive off condition	8x8
Parameter for alternator efficiency in idle condition	8x8
Parameter for Temperature and Pressure interpolation	1x1
Threshold value of factor for alternator shut off	8x8
Parameter to enable maximum number of allowed active PTC	1x1
Parameter to select alternator shut off request in high altitude condition	1x1
Parameter to deactivate calculation of reduced AC torque	1x1
Parameter to select alternator shut off request in high altitude condition	1x1
Minimum engine speed (upper hysteresis value - 1)	1x1
Minimum engine speed (lower hysteresis value - 1)	1x1
Minimum engine speed (lower hysteresis value - 2)	1x1
Minimum engine speed (lower hysteresis value - 2)	1x1
Threshold value of deviation between engine speed and stationary speed	1x1
Maximum number of available PTC	1x1
Minimum gear number	1x1
Minimum environmental pressure (upper hysteresis value - 1)	1x1
Minimum environmental pressure (lower hysteresis value - 1)	1x1
Minimum environmental pressure (upper hysteresis value - 2)	1x1
Minimum environmental pressure (lower hysteresis value - 2)	1x1
Parameter for power consumed by each PTC element drive off condition	1x1
Parameter for power consumed by each PTC element idle condition	1x1
Threshold value of clutch in drive off condition	1x1
Maximum accelerator pedal value (upper hysteresis value)	1x1
Maximum accelerator pedal value (lower hysteresis value)	1x1
Status: Alternator shut-off conditions	1x1
Status: Electrical energy management	1x1
Status: Fan switch-off conditions	1x1
Status of the speed demand ESS_nMin	1x1
Status of the speed demand TS_nMinAC	1x1
Status of the speed demand TS_nMin	1x1
Status of the speed demand VehMot_nMinAcs	1x1
Minimum environmental air temperature (upper hysteresis value - 1)	1x1
Maximum environmental air temperature (lower hysteresis value - 1)	1x1
Maximum environmental air temperature (upper hysteresis value - 2)	1x1
Maximum environmental air temperature (lower hysteresis value - 2)	1x1
Minimum switch-off time because of low battery voltage	1x1
Drive off activation timing	1x1
Delay time to switch on alternator after drive off condition	1x1
Delay time for switching number of active PTC	1x1
Delay time to shut off AC in drive off condition	1x1
Minimum switch-on time after switch-off because of driveaway or acceleration	1x1
Threshold value for engine running time	1x1
Delay time to switch on alternator in high altitude condition	1x1
Delay time to switch on alternator in idle condition	1x1
Delay time for switching number of active PTC	1x1
Delay time to shut off AC in idle condition	1x1
Maximum switch-off time during acceleration	5x1
Maximum switch-off time during drive-off	5x1
Minimum switch-off time during acceleration	5x1
Minimum switch-off time during drive-off	5x1
Turn-off delay for leaving vehicle state STOP (for AC)	1x1
Turn-off delay for leaving vehicle state STOP (for alternator)	1x1
Turn-off delay for leaving vehicle state STOP (for fan)	1x1
Debouncing time after engine start	1x1
Debouncing time after engine start	1x1
Delay time to consider AC torque for alternator shut off request	1x1
Delta remaining drive off torque	1x1
Threshold torque value to request AC shut off	1x1
Threshold torque value to request alternator shut off	1x1
Torque-gap-value to calculate final maximum active PTC	6x6
Torque-gap-value to request AC shut off in drive off condition	6x6
Torque-gap-value to request alternator shut off in drive off condition	6x6
Torque-gap-value to calculate reduced AC torque in drive off condition	6x6
Torque-gap-value to calculate maximum number of PTC in drive off condition	1x1
Torque-gap-value to request AC shut off in idle condition	6x6
Torque-gap-value to request alternator shut off in alternator condition	6x6

Torque-gap-value to calculate maximum number of PTC in idle condition	1x1
Torque-gap-value to calculate reduced AC torque in idle condition	6x6
Threshold value of deviation torque in drive off condition	6x1
Threshold torque value to request AC shut off	1x1
Threshold torque value to request alternator shut off	1x1
Threshold value of deviation torque in idle condition	6x1
Torque-gap-value to calculate final maximum active PTC	6x6
Permissible torque consumption for AC during acceleration	1x1
maximum torque of AC compressor	1x1
Permissible torque consumption for AC during low battery voltage	1x1
Maximum allowed A/C torque during drive-off	1x1
Maximum allowed AC torque during engine stop	1x1
Maximum allowed A/C torque during engine start	1x1
Lo battery threshold for alternator shut off request	1x1
Hi battery threshold for alternator shut off request	1x1
Minimum battery voltage (upper hysteresis value)	1x1
Minimum battery voltage (lower hysteresis value)	1x1
Minimum vehicle speed (upper hysteresis value - 1)	1x1
Minimum vehicle speed (lower hysteresis value - 1)	1x1
Minimum vehicle speed (upper hysteresis value - 2)	1x1
Minimum vehicle speed (lower hysteresis value - 2)	1x1
Default value parameter for Com_aLgtG message	1x1
Default value for Status of torque reduction from AWD	1x1
Default value of AYC active condition status	1x1
Default value for VSA unit re-writing status	1x1
ACC Brake Request status in case of system errors	1x1
Default value for Speed Meter display unit in case of frame error	1x1
Calibration for status of response error on communication from EBS	1x1
Calibration of status of calibration error	1x1
Calibration of status of ID error	1x1
CMS Brake Request status in case of system errors	1x1
ACC Fail condition status in case of system errors	1x1
Precede Car Set status in case of system errors	1x1
Calibration for Status of inconsistency from EBS	1x1
ACC Target speed jump status in case of system errors	1x1
Default value for Speed Meter type in case of frame error	1x1
Vehicle Speed unit status in case of system errors	1x1
Default value for SWTCH1 message counter	1x1
Conversion parameters for ACC control setpoint speed / Conversion parameters for Vehicle instrument panel speed	1x1
Conversion parameters for ACC control setpoint speed / Conversion parameters for Vehicle control speed	1x1
Conversion parameters for ACC Target acceleration reduce ratio / Conversion parameters for Vehicle instrument panel speed	1x1
Conversion parameters for ACC Target acceleration reduce ratio / Structure for the application parameter for conversion of calculated load value	1x1
structure of application parameter converstion of Meter display speed / structure of application parameter converstion of Meter display speed / slope in structure of application parameter converstion of Meter display speed	1x1
structure of application parameter converstion of Meter display speed / structure of application parameter converstion of Meter display speed / offset for structure of application parameter converstion of Meter display speed	1x1
Structure containing Convertion of ECU Value to CAN value for Accelerator Pedal Position / slope for conversion of CAN value to internal signal	1x1
Structure containing Convertion of ECU Value to CAN value for Accelerator Pedal Position / Offset for the CAN conversion of Accelerator Pedal Position	1x1
Conversion parameter for APP_r learned value / slope Conversion parameter fro ARR_r learned value	1x1
Conversion parameter for APP_r learned value / offset Conversion parameter fro ARR_r learned value	1x1
Conversion parameters for AT Oil Temperature / slope for conversion of CAN value to internal signal	1x1
Conversion parameters for AT Oil Temperature / offset for conversion of CAN value to internal signal	1x1
CAN conversion parameters for CEngDsT_t / slope for conversion of CEngDsT_t into CAN value for ENGB	1x1
CAN conversion parameters for CEngDsT_t / offset for conversion of CEngDsT_t into CAN value for ENGB	1x1
The value of engine coolant temperature transmitted over CAN / slope for conversion of CEngDsT_t into CAN value for ENGA	1x1
The value of engine coolant temperature transmitted over CAN / offset for conversion of CEngDsT_t into CAN value for ENGA	1x1
CAN conversion parameters for Fuel cut off Engine Speed into CAN value / slope Structure Parameter for EngRstrt	1x1
CAN conversion parameters for Fuel cut off Engine Speed into CAN value / offset Structure Parameter for EngRstrt	1x1
Conversion parameter for IDAS related adjustable torque / slope for CAN conversion parmater for Adjustable torque	1x1
Conversion parameter for IDAS related adjustable torque / Offset value for CAN conversion parmater for Adjustable torque	1x1
Structure of application parameter converstion of Countershaft speed / Slope in CAN conversion parameters	1x1
Structure of application parameter converstion of Countershaft speed / Offset in CAN conversion parameters	1x1
CAN conversion parameters for Com_rCVTAct / slope for conversion of Com_rCVTAct into CAN value	1x1
CAN conversion parameters for Com_rCVTAct / offset for conversion of Com_rCVTAct into CAN value	1x1
conversion value for low idle set point engine speed / slope calibration for conversion value for low idle set point engine speed	1x1
conversion value for low idle set point engine speed / offset calibration for conversion value for low idle set point engine speed	1x1
CAN conversion parameters for VMD_trqDes / slope for conversion of VMD_trqDes into CAN value	1x1
CAN conversion parameters for VMD_trqDes / offset for conversion of VMD_trqDes into CAN value	1x1
CAN conversion parameters for conversion of EAT request torque / CAN conversion parameters for conversion of EAT request torque; slope for conversion	1x1
CAN conversion parameters for conversion of EAT request torque / CAN conversion parameters for conversion of EAT request torque; offset for conversion	1x1
Can Conversion Parameter for Engine Oil Pressure / Slope for Engine Oil	1x1
Can Conversion Parameter for Engine Oil Pressure / Offset for Engoil	1x1
Conversion parameters for Torque control slip rate of engine request / ConVersion Eng16	1x1
Conversion parameters for Torque control slip rate of engine request / ConVersion Eng16	1x1
CAN conversion parameters for VMD_trqDes / slope for conversion of VMD_trqDes into CAN value	1x1
CAN conversion parameters for VMD_trqDes / offset for conversion of VMD_trqDes into CAN value	1x1
CAN conversion parameters for VMD_trqDes / slope for conversion into CAN value	1x1
CAN conversion parameters for VMD_trqDes / offset for conversion into CAN value	1x1
CAN conversion parameters for EnvP_p / slope for conversion of EnvP_p into CAN value for ENG6	1x1
CAN conversion parameters for EnvP_p / offset for conversion of EnvP_p into CAN value for ENG6	1x1
Conversion parameters for Electric load current from EPS1 / Slope parameters for Electric load current from EPS1	1x1
Conversion parameters for Electric load current from EPS1 / Offset parameters for Electric load current from EPS1	1x1
Conversion parameters for Electric load current from EPS / slope for conversion of CAN value to internal signal for EPS load current value	1x1
Conversion parameters for Electric load current from EPS / offset for conversion of CAN value to internal signal for EPS load current value	1x1
structure of application parameter converstion of A/D Raw value of fuel level / slope in structure of application parameter converstion of A/D Raw value of fuel level	1x1
structure of application parameter converstion of A/D Raw value of fuel level / offset for structure of application parameter converstion of A/D Raw value of fuel level	1x1
Conversion parameters for raw value of Fuel level / slope for conversion of CAN value to internal signal	1x1
Conversion parameters for raw value of Fuel level / offset for conversion of CAN value to internal signal	1x1
CAN conversion parameters for Maximum available Engine Speed into CAN value / slope Parameter for HLSDemMaxEng	1x1
CAN conversion parameters for Maximum available Engine Speed into CAN value / offset Structure Parameter for HLSDemMaxEng	1x1
CAN Conversion parameter for Intake Manifold Pressure / slope for Intakre Manifold pressure	1x1
CAN Conversion parameter for Intake Manifold Pressure / Offset for Intakre Manifold pressure	1x1
CAN conversion parameters for Air_tCACDs / slope for conversion of Air_tCACDs into CAN value for ENGB	1x1
CAN conversion parameters for Air_tCACDs / offset for conversion of Air_tCACDs into CAN value for ENGB	1x1
CAN conversion parameters for travelled distance ring counter / CAN conversion parameters for travelled distance ring counter ; slope for travelled distance ring counter CAN conversion	1x1
CAN conversion parameters for travelled distance ring counter / CAN conversion parameters for travelled distance ring counter ; offset for travelled distance ring counter CAN conversion	1x1
CAN Conversion parameters for distance covered / slope for conversion of CAN value to internal signal for Coverage distance received from meter	1x1
CAN Conversion parameters for distance covered / offset for conversion of CAN value to internal signal for Coverage distance received from meter	1x1
CAN conversion parameters for Com_pMstCyl / Slope for conversion of Com_pMstCyl into CAN value	1x1
CAN conversion parameters for Com_pMstCyl / Offset for conversion of Com_pMstCyl into CAN value	1x1
CAN conversion for engine speed / Slope for the CAN conversion of engine speed	1x1

CAN conversion for engine speed / Offset for CAN conversion of engine speed	1x1
Structure for offset and slope for ISSEng / Slope conversion for ConvnISSEng	1x1
Structure for offset and slope for ISSEng / Offset conversion for ConvnISSEng	1x1
Fuel cut start Engine Speed / slope Parameter for nsa	1x1
Fuel cut start Engine Speed / slope Parameter for nsa	1x1
CAN conversion parameters for OilLfT_rOilLif / slope for conversion of OilLfT_rOilLif into CAN value	1x1
CAN conversion parameters for OilLfT_rOilLif / offset for conversion of OilLfT_rOilLif into CAN value	1x1
CAN conversion parameters for OilLfT_lOilMlg / slope for conversion of OilLfT_lOilMlg into CAN value	1x1
CAN conversion parameters for OilLfT_lOilMlg / offset for conversion of OilLfT_lOilMlg into CAN value	1x1
CAN conversion parameters for OilLfT_tiOilShlfLif / slope for conversion of OilLfT_tiOilShlfLif into CAN value	1x1
CAN conversion parameters for OilLfT_tiOilShlfLif / offset for conversion of OilLfT_tiOilShlfLif into CAN value	1x1
Convert message Com_rml from internal value to CAN value / Conversion Slope for ENGZ	1x1
Convert message Com_rml from internal value to CAN value / Conversion Offset for ENGZ	1x1
calibration paramter Minimum allowable combustion torque / slope value Minimum allowable combustion torque	1x1
calibration paramter Minimum allowable combustion torque / offset value Minimum allowable combustion torque	1x1
Conversion parameters for selection of accelerator pedal position for CAN transmission / slope for conversion of CAN value to internal signal	1x1
Conversion parameters for selection of accelerator pedal position for CAN transmission / offset for conversion of CAN value to internal signal	1x1
Conversion of CAN value to ECU Value for Temp received in METE frame / Slope for Conversion of CAN value to ECU Value for Temp received in METE frame	1x1
Conversion of CAN value to ECU Value for Temp received in METE frame / Offset for Conversion of CAN value to ECU Value for Temp received in METE frame	1x1
Outside Temperature conversion / Slop	1x1
Outside Temperature conversion / Offset	1x1
CAN conversion parameters for environment temperature / Slope for the CAN conversion of the filtered enviroment temperature	1x1
CAN conversion parameters for environment temperature / Offset for the CAN conversion of the filtered enviroment temperature	1x1
CAN conversion parameters for Com_tqTMReqSlow, Com_tqTotTrsmLoss / CAN conversion parameter for Com_tqTMReqSlow, Com_tqTotTrsmLoss	1x1
CAN conversion parameters for Com_tqTMReqSlow, Com_tqTotTrsmLoss / CAN conversion parameter for Com_tqTMReqSlow, Com_tqTotTrsmLoss	1x1
Temperature of the evaporator / Structure of application parameter converstion of the temperature of the evaporator slope	1x1
Temperature of the evaporator / Structure of application parameter converstion of the temperature of the evaporator offset	1x1
Conversion parameters for Engine oil temperature for meter display / Conv Oil Tepurature Dsplay	1x1
Conversion parameters for Engine oil temperature for meter display / Conv Oil Tepurature Dsplay	1x1
Conversion parameters for Travelled distance / slope for conversion of CAN value to internal signal	1x1
Conversion parameters for Travelled distance / offset for conversion of CAN value to internal signal	1x1
Convertion for the Crankshaft torque / Slope calibration for Crankshaft torque	1x1
Convertion for the Crankshaft torque / Offset calibration for Convertion for the Crankshaft torque	1x1
CAN conversion parameters for sum of all engine losses including frictional torque adaption / CAN conversion parameters for sum of all engine losses including frictional torque adaption	1x1
CAN conversion parameters for sum of all engine losses including frictional torque adaption / CAN conversion parameters for sum of all engine losses including frictional torque adaption	1x1
CAN conversion parameters for Engine torque without A/T demand into CAN value / slope for conversion of Engine torque without A/T demand into CAN	1x1
CAN conversion parameters for Engine torque without A/T demand into CAN value / offset for conversion of Engine torque without A/T demand into CAN	1x1
Conversion parameters for Transmission main shaft speed / slope for conversion of CAN value to internal signal	1x1
Conversion parameters for Transmission main shaft speed / offset for conversion of CAN value to internal signal	1x1
Blower fan voltage / Structure of application parameter converstion of the voltage of blower fan slope	1x1
Blower fan voltage / Structure of application parameter converstion of the voltage of blower fan offset	1x1
Conversion parameters for Vehicle control speed / slope for conversion of CAN to internal signal for vehicle control speed	1x1
Conversion parameters for Vehicle control speed / offset for conversion of CAN to internal signal for vehicle control speed	1x1
Conversion parameters for Vehicle instrument panel speed / slope for conversion of CAN to internal signal for vehicle instrument panel speed	1x1
Conversion parameters for Vehicle instrument panel speed / offset for conversion of CAN to internal signal for vehicle instrument panel speed	1x1
CAN conversion parameters for vehicle speed / CAN conversion parameters for vehicle speed ; slope for vehicle speed CAN conversion	1x1
CAN conversion parameters for vehicle speed / CAN conversion parameters for vehicle speed ; offset for vehicle speed CAN conversion	1x1
Conversion parameters for Actual throttle open / ConVersion factors	1x1
Conversion parameters for Actual throttle open / ConVersion factors	1x1
can conversion for Required throttle position / Conversion Slope for Wdks	1x1
can conversion for Required throttle position / Conversion Offset for Wdks	1x1
CAN conversion parameters for Com_vWhlSpd / CAN conversion parameters for Com_vWhlSpd / slope for conversion of Com_vWhlSpd into CAN	1x1
CAN conversion parameters for Com_vWhlSpd / CAN conversion parameters for Com_vWhlSpd / offset for conversion of Com_vWhlSpd into CAN	1x1
Conversion parameters for Vehicle instrument panel speed / Conversion parameters for Vehicle instrument panel speed	1x1
Conversion parameters for Vehicle instrument panel speed / Structure for the application parameter for conversion of calculated load value	1x1
Time out count for AYCB frame	1x1
Counter for monitoring condition for AYC frame for VSA unit is re-writing	1x1
Default value for the message counter for ACCA frame	1x1
Default for ring counter for ACCB	1x1
Default Calibration for Ring Counter of APC Frame	1x1
Default value of Ringcounter for AWD	1x1
Default value for Ring counter for AYCA frame	1x1
Default application Constant for ring counter for AYCB	1x1
AYCF Ring counter Calibration	1x1
Default application constant for Com_ctCRingEAT2 in case of defective reception	1x1
Default value for the message counter for frame EAT4 in case of system error	1x1
Default value of Ring counter for EAT5 frame	1x1
Calibration for EPB Ring Counter Message.	1x1
Default application value for Com_ctCRingEPS1 in case of defective reception	1x1
Default application value for Com_ctCRingEPS in case of defective reception	1x1
Ring Counter calibration for EVP Frmae	1x1
Ring counter calibration for META frame	1x1
Default application value for Com_ctCRingMETB in case of defective reception	1x1
Default application value for Com_ctCRingMETD in case of defective reception	1x1
Default application value for Com_ctCRingMETE2 in case of defective reception	1x1
Default application value for Com_ctCRingMETE in case of defective reception	1x1
Default value for Ring counter of METF frame in case of frame error	1x1
The message counter for METG frame	1x1
Default Calibration for Ring Counter of METH2 Frame	1x1
Ring Counter For METH Frame.	1x1
Calibration value for Ring counter for METI	1x1
Ring counter calibration for METK frame	1x1
Ring counter calibration for METL frame	1x1
Default application value for Com_ctCRingMETM in case of defective reception	1x1
Default application value for Com_ctCRingMETN in case of defective reception	1x1
Default application value for Com_ctCRingMET in case of defective reception	1x1
Default value parameter for Com_ctCRingSRSA message	1x1
Default application value for Com_ctCRingSRSB in case of defective reception	1x1
Default application value for Com_ctCRingSRS in case of defective reception	1x1
Threshold count for EPS repogramming start flag set	1x1
Calibration value for number of frame to rewind	1x1
Calibration value for number of header frame to transmit	1x1
Threshold of receiving counter of SRS reprogramming start flag	1x1
Frame length for ACCA2 Frame	1x1
Com_dACCA2ID_C	1x1
Com_dACCA2NODE_C	1x1
CAN frame length of ACCA frame	1x1
Com_dACCAID_C	1x1
Max difference between two message counters for error detection	1x1

Max value of period for detection of stopped message counter	1x1
Com_dACCANODE_C	1x1
Frame length for ACCB	1x1
Com_dACCBID_C	1x1
Maximum difference for ACCB frame	1x1
Period for ACCB frame	1x1
Com_dACCBNODE_C	1x1
Default value of ACC Command Vehicle Speed Displayed	1x1
calibration paramter for ACC Fame length	1x1
Com_dACCID_C	1x1
max difference calibration paramter for ACC ring counter	1x1
max period calibration paramter for ACC ring counter	1x1
Com_dACCNODE_C	1x1
frame length of ADS frame	1x1
Com_dADSID_C	1x1
Calibration of ADS Max Diff	1x1
Calibration of ADS Max per	1x1
Com_dADSNODE_C	1x1
Frame length of CAN Frame APC	1x1
Com_dApcID_C	1x1
Application constant for Maximum difference for APC frame.	1x1
Com_dApcID_C	1x1
Application constant for Maximum difference for APC frame.	1x1
Threshold for detection of stopped message counter for CAN frame APC	1x1
Com_dApcNODE_C	1x1
Com_dAWD28BYTNODE_C	1x1
Com_dAWD2BYT8ID_C	1x1
Com_dAWD2ID_C	1x1
Com_dAWD2NODE_C	1x1
Frame Length of Receive frame AWD	1x1
Maximum difference between 2 message counters of AWD for error detection	1x1
Maximum period count for the detection of AWD stopped message counter	1x1
Maximun length of the AYCA message	1x1
Com_dAYCAID_C	1x1
Application constant for Maximum difference for AYCA frame	1x1
Period for AYCA frame	1x1
Com_dAYCANODE_C	1x1
Maximum length of the AYCB message	1x1
Com_dAYCBID_C	1x1
Application constant for Maximum difference for AYCB frame	1x1
Period for AYCB frame.	1x1
Com_dAYCBNODE_C	1x1
Maximun length of the AYCD message	1x1
Com_dAYCDID_C	1x1
Com_dAYCDNODE_C	1x1
AYCF Frame legnth Calibration	1x1
Com_dAYCFID_C	1x1
Application constant for Maximum difference for AYCF frame	1x1
Period for AYCF frame	1x1
Com_dAYCFNODE_C	1x1
Maximun length of the EAT10 message	1x1
Com_dEAT10ID_C	1x1
Maximum difference between 2 message counters of EAT10 for error detection	1x1
Com_dEAT10ID_C	1x1
Maximum difference between 2 message counters of EAT10 for error detection	1x1
Maximum period count for the detection of EAT10 stopped message counter	1x1
Com_dEAT10NODE_C	1x1
Maximum length of the EAT2 frame message.	1x1
Com_dEAT2ID_C	1x1
Application constant for Maximum difference for EAT2 frame	1x1
Period for EAT2 frame.	1x1
Com_dEAT2NODE_C	1x1
Frame length for frame EAT4	1x1
Com_dEAT4ID_C	1x1
Maximum difference between 2 message counters of EAT2 for error detection	1x1
Maximum period count for the detection of EAT2 stopped message counter	1x1
Com_dEAT4NODE_C	1x1
Maximum length of the EAT5 frame message	1x1
Com_dEAT5ID_C	1x1
Application constant for Maximum difference for EAT5 frame.	1x1
Threshold for detection of stopped message counter for CAN frame EAT5	1x1
Com_dEAT5NODE_C	1x1
Maximun length of the EAT6 message	1x1
Com_dEAT6ID_C	1x1
Maximum difference between 2 message counters of EAT6 for error detection	1x1
Maximum period count for the detection of EAT6 stopped message counter	1x1
Com_dEAT6NODE_C	1x1
Maximun length of the EAT9 message	1x1
CAN ID for EAT9 Frame	1x1
CAN ID for EAT9 Frame	1x1
Maximum difference between 2 message counters of EAT9 for error detection	1x1
Maximum period count for the detection of EAT9 stopped message counter	1x1
Com_dEAT9NODE_C	1x1
Maximum length of the EATA frame message.	1x1
Com_dEATAID_C	1x1
Maximum length of the EATA frame message.	1x1
Com_dEATAID_C	1x1
Application constant for Maximum difference for EATA frame	1x1
Period for EATA frame.	1x1
Com_dEATANODE_C	1x1
EATB2 frame ID	1x1
EATB2 frame ID	1x1
Com_dEATB2NODE_C	1x1
frame length for EATB frame	1x1
CAN ID for EATB	1x1
CAN ID for EATB	1x1
calibration for Max difference between reception for EATB frame	1x1
calibration for error for EATB frame	1x1
Com_dEATBNODE_C	1x1
Calibration for initial value of Com_dEBSDByt0	1x1
Calibration for initial value of Com_dEBSDByt1	1x1
Calibration for initial value of Com_dEBSDByt2	1x1
Calibration for initial value of Com_dEBSDByt3	1x1
Calibration for initial value of Com_dEBSDByt4	1x1
Frame length for ENG11	1x1

Com_dENG11ID_C	1x1
Com_dENG11NODE_C	1x1
Frame length of CAN frame Motor_12	1x1
Com_dENG12ID_C	1x1
Com_dENG12NODE_C	1x1
Frame length of CAN frame Motor_14	1x1
Com_dENG14ID_C	1x1
Com_dENG14NODE_C	1x1
Frame length of CAN Frame ENG15	1x1
Com_dENG15ID_C	1x1
Com_dENG15NODE_C	1x1
CAN frame length of ENG17 frame	1x1
Com_dENG17ID_C	1x1
Com_dENG17NODE_C	1x1
Frame length of CAN frame Motor_18	1x1
Com_dENG18ID_C	1x1
Com_dENG18NODE_C	1x1
Length of CAN Frame ENG19	1x1
Com_dENG19ID_C	1x1
Com_dENG19NODE_C	1x1
Frame length of Eng21 frame	1x1
Com_dENG21ID_C	1x1
Com_dENG21NODE_C	1x1
Frame length of ENGA2 frame	1x1
Com_dENGA2ID_C	1x1
Com_dENGA2NODE_C	1x1
Maximum length of the ENGA frame message.	1x1
Com_dENGAID_C	1x1
Com_dENGANODE_C	1x1
CAN frame length of ENGB frame	1x1
Com_dENGBID_C	1x1
Com_dENGBNODE_C	1x1
Maximum length of the ENGC frame message.	1x1
Com_dENGCID_C	1x1
Com_dENGCNODE_C	1x1
Frame Length of ENGHIP1 Frame	1x1
Com_dENGHIP1ID_C	1x1
Com_dENGHIP1NODE_C	1x1
Com_dENGJ3ID_C	1x1
Com_dENGJ3NODE_C	1x1
Maximum length of the ENGJ frame message.	1x1
Com_dENGJID_C	1x1
Com_dENGJNODE_C	1x1
Com_dENGK2ID_C	1x1
Com_dENGK2NODE_C	1x1
Maximum length of the ENGK frame message.	1x1
Com_dENGKID_C	1x1
Com_dENGKNODE_C	1x1
Maximum length of the ENGM frame message.	1x1
Com_dENGMID_C	1x1
Com_dENGMNODE_C	1x1
Frame length for frame ENGN	1x1
Com_dENGNID_C	1x1
Com_dENGNNODE_C	1x1
Com_dENGO2ID_C	1x1
Com_dENGO2NODE_C	1x1
Com_dENGOBSID_C	1x1
CAN frame length of ENGO frame	1x1
Com_dENGOID_C	1x1
Com_dENGONODE_C	1x1
Calibration parameter for Data length of Engine information frame P	1x1
Com_dENGPID_C	1x1
Com_dENGPNODE_C	1x1
Maximum length of the ENGR frame message	1x1
Com_dENGRID_C	1x1
Com_dENGRNODE_C	1x1
Maximum length of the ENGS frame message.	1x1
Com_dENGSID_C	1x1
Com_dENGSNODE_C	1x1
checksum for ENG T1	1x1
Com_dENGT1ID_C	1x1
Com_dENGT1NODE_C	1x1
Calibration for ENGt2 frame length	1x1
Com_dENGT2ID_C	1x1
Com_dENGT2NODE_C	1x1
Frame length of ENGT frame	1x1
Com_dENGTID_C	1x1
Com_dENGTNODE_C	1x1
Frame Length of Transmission frame ENGU	1x1
Com_dENGUID_C	1x1
Com_dENGUNODE_C	1x1
Frame length of ENGV2 Frame	1x1
Com_dENGV2ID_C	1x1
Com_dENGV2NODE_C	1x1
CAN frame length of ENGW frame	1x1
Com_dENGWID_C	1x1
Com_dENGWNODE_C	1x1
Com_dENGX2ID_C	1x1
Com_dENGX2NODE_C	1x1
Maximum length of the ENGX frame message	1x1
Com_dENGXID_C	1x1
Com_dENGXNODE_C	1x1
Maximum length of the ENGY frame message	1x1
Com_dENGYID_C	1x1
Com_dENGYNODE_C	1x1
Calibration parameter for Data length of Engine information frame Z	1x1
Com_dENGZID_C	1x1
Com_dENGZNODE_C	1x1
Frme length for EPB frame	1x1

Com_dEPBID_C	1x1
Application constant for Maximum difference for EPB frame	1x1
Period for EPB frame	1x1
Com_dEPBNODE_C	1x1
Maximum length of the EPS1 frame message.	1x1
EPS1 frame ID	1x1
EPS1 frame ID	1x1
Application constant for Maximum difference for ring counter in EPS1 frame	1x1
Application constant for Maximum period for same ring counter in EPS1 frame	1x1
Com_dEPS1NODE_C	1x1
Maximum length of the EPS frame message.	1x1
EPS frame ID	1x1
EPS frame ID	1x1
Application constant for Maximum difference for EPS frame	1x1
Period for EPS frame.	1x1
Com_dEPSNODE_C	1x1
Calibration for EVP frame length	1x1
Com_dEVPID_C	1x1
Application constant for Maximum difference for EVP frame	1x1
Threshold for detection of stopped message counter for CAN frame EVP	1x1
Com_dEVPNODE_C	1x1
Frame Length of IDASB Frame	1x1
Com_dIDASBID_C	1x1
Frame Length of IDASB Frame	1x1
Period for IDASB frame.	1x1
Com_dIDASBNODE_C	1x1
Com_dMET2ID_C	1x1
Com_dMET2NODE_C	1x1
Calibration for META frame length	1x1
Com_dMETAID_C	1x1
Maximum difference between 2 message counters of META for error detection	1x1
Maximum value of period for detection of META stopped message counter	1x1
Com_dMETANODE_C	1x1
Maximum length of the METB frame message.	1x1
Com_dMETBID_C	1x1
Application constant for Maximum difference for METB frame	1x1
Period for METB frame.	1x1
Com_dMETC2ID_C	1x1
Com_dMETC2NODE_C	1x1
Application value for frame length of METC	1x1
Com_dMETCID_C	1x1
Application value for the maximum allowed difference between the values of the message conter of two consecutive frames	1x1
Application value for the maximum number of times the same value for the message counter may be received	1x1
Com_dMETCNODE_C	1x1
Com_dMETD2ID_C	1x1
Com_dMETD2NODE_C	1x1
Maximum length of the METD frame message.	1x1
Com_dMETDID_C	1x1
Application value for the maximum allowed difference between the values of the message conter of two consecutive METD frames	1x1
Application value for the maximum number of times the same value for the message counter may be received	1x1
Com_dMETDNODE_C	1x1
Maximum length of the METE2 frame message.	1x1
Com_dMETE2ID_C	1x1
Application constant for Maximum difference between the counter values for METE2 frame	1x1
Period for METE2 frame.	1x1
Com_dMETE2NODE_C	1x1
Maximum length of the METE frame message.	1x1
Com_dMETEID_C	1x1
Application constant for Maximum difference between the counter values for METE frame.	1x1
Period for METE frame.	1x1
Com_dMETENODE_C	1x1
Maximum length of the METF frame message.	1x1
Com_dMETFID_C	1x1
Application constant for Maximum difference for METF frame	1x1
Threshold for detection of stopped message counter for CAN frame METF	1x1
Com_dMETFNODE_C	1x1
Maximum length of the METF frame message.	1x1
Com_dMETG2ID_C	1x1
Maximum length of the METG frame message	1x1
Com_dMETGID_C	1x1
Application constant for Maximum difference for METG frame	1x1
Threshold for detection of stopped message counter for CAN frame METG	1x1
Com_dMETGNODE_C	1x1
Frame length of METH2 Frame	1x1
Com_dMETH2ID_C	1x1
Application constant for Maximum difference for METH2 frame.	1x1
Threshold for detection of stopped message counter for CAN frame METH2	1x1
Com_dMETH2NODE_C	1x1
Maximum length of the METH frame message	1x1
Com_dMETHID_C	1x1
Application constant for Maximum difference for METH frame.	1x1
Threshold for detection of stopped message counter for CAN frame METH.	1x1
Com_dMETHNODE_C	1x1
Com_dMETID_C	1x1
Frame Length of METI Frame	1x1
Com_dMETIID_C	1x1
Application constant for Maximum difference between the counter values for METI frame.	1x1
Period for METI frame.	1x1
Com_dMETINODE_C	1x1
Frame length for METK	1x1
Com_dMETKID_C	1x1
Maximum difference between 2 message counters of METK for error detection	1x1
Maximum value of period for detection of METK stopped message counter	1x1
Com_dMETKNODE_C	1x1
Frame length for METL	1x1
Com_dMETLID_C	1x1
Maximum difference between 2 message counters of METL for error detection	1x1
Maximum value of period for detection of METL stopped message counter	1x1
Com_dMETLNODE_C	1x1

Application constant for Maximum difference for MET frame	1x1
Threshold for detection of stopped message counter for CAN frame MET	1x1
Maximum length of the METM frame message	1x1
Com_dMETMID_C	1x1
Application constant for Maximum difference between the counter values for METM frame	1x1
Period for METM frame	1x1
Com_dMETMNODE_C	1x1
Maximum length of the METN frame message	1x1
Com_dMETNID_C	1x1
Application constant for Maximum difference between the counter values for METN frame	1x1
Period for METN frame	1x1
Com_dMETNNODE_C	1x1
Com_dMETNODE_C	1x1
Calibration for OBS frame length	1x1
Com_dOBSNODE_C	1x1
Maximum length of the PCU frame message	1x1
Com_dPCUID_C	1x1
Application constant for Maximum difference for PCU frame	1x1
Threshold for detection of stopped message counter for CAN frame PCU	1x1
Com_dPCUNODE_C	1x1
Physical address sent to Meter unit from Engine ECU	1x1
SRSA frame data length	1x1
Com_dSRSAID_C	1x1
Maximum value of period for detection of SRSA stopped message counter	1x1
Maximum value of period for detection of SRSA stopped message counter	1x1
Com_dSRSANODE_C	1x1
Maximum length of the SRSB frame message.	1x1
Com_dSRSBID_C	1x1
Application constant for Maximum difference between the counter values for SRSB frame.	1x1
Period for SRSB frame	1x1
Com_dSRSBNODE_C	1x1
Maximum length of the SRS frame message.	1x1
Com_dSRSID_C	1x1
Application constant for Maximum difference between the counter values for SRS frame.	1x1
Period for SRS frame.	1x1
Com_dSRSNODE_C	1x1
Maximun length of the SWTCH1 message	1x1
Com_dSWTCH1ID_C	1x1
Maximum difference between 2 message counters of SWTCH1 for error detection	1x1
Maximum period count for the detection of SWTCH1 stopped message counter	1x1
Com_dSWTCH1NODE_C	1x1
conversion curve for alternator excitation cancel speed	15x1
Calibration for fuel cut permission flag from CVT	1x1
Offset of Alternator excitation current limitation	1x1
Slpoe of Alternator excitation current limitation	1x1
Calibration for battery current from EBS	1x1
Default application value for EPS load current value in case of defective reception	1x1
Calibration for Coverage distance	1x1
Default Application value for coverage distance received from meter in case of defective reception.	1x1
calbration 1 for Learning of Lock-Up-Clutch	1x1
calbration 2 for Learning of Lock-Up-Clutch	1x1
calbration 1 for Learning of Lock-Up-Clutch	1x1
calbration 2 for Learning of Lock-Up-Clutch	1x1
calbration 3 for Learning of Lock-Up-Clutch	1x1
Calibration for Synchronized desired engine speed in Ideal Up Clutch adaptation case	1x1
Calibration for Synchronized desired engine speed in First stage Speed up Request case	1x1
Calibration for Synchronized desired engine speed in second stage Speed up Request case	1x1
Calibration for Synchronized desired engine speed in third stage Speed up Request case	1x1
Calibration for Fuel cutoff for maximum engine speed from CAN	1x1
minimum threshold for engine run	1x1
ACG Debug information for transmission	1x1
Calibartion for Actual number of activated PTC elements	1x1
Default value for SWTCH1 checksum	1x1
Default value of Checksum message for EAT5 frame	1x1
Default value for Check sum of METG frame in case of frame error	1x1
Calibration for Alternator ID	1x1
Calibration for Alternator chip ID	1x1
Calibration for Alternator manifactuerer ID	1x1
Checksum value in case of system errors for ACCA frame.	1x1
Default for checksum for ACCB frame	1x1
Default value of Checksum message for APC frame	1x1
Default value of Checksum of Receive frame AWD1AWD2	1x1
Default value for Checksum message for AYCA frame in case of defective reception.	1x1
Default value for checksum for AYCB frame	1x1
Check sum for AYCD frame	1x1
AYCF Checksum Calibration	1x1
Checksum value in case of system errors for EAT2 frame	1x1
Default value for checksum for frame EAT4 in case of system error	1x1
Default value for Checksum message for EPB frame in case of defective reception.	1x1
Default value for Checksum message for EPS1 frame in case of system error.	1x1
Default value for Checksum message for EPS frame in case of system error.	1x1
Check SUm Calibration for EVP	1x1
Checksum calibration for META	1x1
Check SUm Calibration for EVP	1x1
Checksum calibration for META	1x1
Default value for Checksum message for METB frame in case of error	1x1
Default value for Checksum message for METD frame in case of error	1x1
Default application value for Com_numCsumMETE2 in case of defective reception.	1x1
Default application value for Com_numCsumMETE in case of defective reception.	1x1
Default value for Check sum of METF frame in case of frame error	1x1
Default Calibration for Checksum of METH2 Frame	1x1
Checksum calibration for METH frame.	1x1
Calibration for checksum of METI frame	1x1
Checksum calibration for METK	1x1
Checksum calibration for METL	1x1
Default application value for Com_numCsumMETM in case of defective reception	1x1
Default application value for Com_numCsumMETN in case of defective reception	1x1
Default value for Checksum message for MET frame in case of error	1x1
default value parameter for Com_numCsumSRSA message	1x1
Default application value for Com_numCsumSRSB in case of defective reception	1x1
Default application value for Com_numCsumSRS in case of defective reception.	1x1
Calibration for CVT cruise gear shift MAP No	1x1
Calibration for the number of frames for checksum calculation every proccess call	1x1

Gear information selection - This is Non-interpolation curve	16x1
Currene gear information based on gear information recieved over CAN	16x1
Calibration for Manifold Pressure for EVP	1x1
pressure of the brake master cylinder	1x1
Calibration for the init value of Com_qSoh	1x1
default value of Gear ratio information for engine control	1x1
Default SOC value	1x1
Calibration for battery SOH received from EBS	1x1
Clsed status of Clutch	1x1
Lower limit for closed status of clutch	1x1
Curve to convert raw voltage value of fuel level to its corresponding ratio	6x1
Higher limit for Slip closwed status of Clth_st	1x1
Lower limt for slip closed status of clutch	1x1
Higher limit for slip status of Clth_st	1x1
Lower limit for Clutch status	1x1
Higher limit for Open With slip of clutch status	1x1
Lower limit for Open with slip status of Clutch	1x1
fuel level default value	1x1
Default value for target accelaration reduction for ACCB frame	1x1
default value of VSA Torque Accuracy Improvement	1x1
Default value parameter for Com_stAbnormCpu message	1x1
Default value parameter for Com_stAbnormVcc message	1x1
ABS, EBD failure status	1x1
status of ABS warning	1x1
Default value for ACC / ASL Switch information in case of frame error	1x1
Default value for ACC down request recieved over CAN	1x1
Ignore Brake signal	1x1
ACC release request information	1x1
Default value for ACC unit re-write status	1x1
Calibration for ACC shift down request	1x1
Default value of ACC Transmission Gear Change Request	1x1
Default value for air conditioner status of METG frame in case of frame error	1x1
ACC Request Num status in case of system errors	1x1
Default calibration for Com_stACGUpReq	1x1
Default application value for Idle stop inhibition flag Com_stACISSInhbReq.	1x1
Air conditioner sw status	1x1
Air conditioner sw status	1x1
Switch for MET2 or METG values	1x1
status of ABS+EBD activation	1x1
status of HSA activation	1x1
ADS Speed Limit Request calibration	1x1
Default value of the status of speed sensor error of AT for ASL	1x1
Default value for ASL reception CAN frame error	1x1
Default value for the status of AT ISS system condition	1x1
default value of parking process status	1x1
Calibration for AT Shift Indicator Lamp status	1x1
Default calibration value for IDAS Automatic Emergency Braking	1x1
Default value for 4WD Failure Information	1x1
Default value for Action demand mode when AWD breaks down	1x1
Default value of E4WD Lamp Status	1x1
Fuel control request default value	1x1
Default value for ISS Inhibit request from VSA	1x1
ISAB active	1x1
ISAB permission	1x1
Initial value of VSA inhibit idle restart flag	1x1
VSA shift control request	1x1
Default value for AYCB mode	1x1
Default value parameter for Com_stCalCmplLgtG message	1x1
CAN version information	1x1
Calibration array for Clth_stClthLCInfo_mp	4x1
Clutch Pedal Fault Information cal parameter	1x1
Status of the cruise control inputs	1x1
Default value for Cruise Control / ASL select information in case of frame error	1x1
Default value for Cruise Main Switch information in case of frame error	1x1
Default value for Cruise Switch information in case of frame error'	1x1
Calibration for Com_stCVTDsplGear	1x1
Calibration for select lever position for CC for CVT	1x1
Positive/Negative torque request	1x1
Default value for DCS torque plus control flag	1x1
Default Value of 4WD System Protection Information	1x1
Calibration for Display demand of sign in knowledge(R side)	1x1
calibration array for drive mode selection	16x1
drive mode selection	1x1
Default value for status of Drive Mode Switch	1x1
Calibration for METER_DOOR_SW_- STATUS_DR	1x1
Calibration for Status for EAT3 error monitoring	1x1
Calibration for Status for EAT8 error monitoring	1x1
Default value for Com_stECON , when error is reported	1x1
value of Customization existence of Rev Match function	1x1
Calibration for Status of AYC	1x1
Default value for Engine Hood of METG frame in case of frame error	1x1
Default value of Engine Start Enable by CAN from TCU	1x1
Default value of engine start enable signal from AT	1x1
Calibration for AYC Ack	1x1
Default value for Restart request from EPS	1x1
Calibration for Idle Stop Failure for EVP	1x1
Calibration for Idle Stop enable disable Permission in EVP	1x1
Status of the brake master cylinder pressure sensor fail	1x1
Default value parameter for Com_stFailrLgtG message	1x1
Enable mask for receive frames	7x1
Post Drive Enable mask for receive frames	7x1
Enable mask for transmit frames	6x1
Enable mask for transmit frames	6x1
Enable mask for transmit frames	6x1
Enable mask for transmit frames	6x1
Posr Drive Enable mask for transmit frames	6x1
Calibration used for Status of Front Defroster switch information.	1x1
Calibration forstatus of Front Fog-light	1x1
Fuel control request signal	1x1

restriction mask array for DTCs reported on ENGHIP1 Frame	22x1
Calibration for judgement flag for rapid fastened	1x1
Status of EPB liquid pressure control	1x1
Default value for AC shut-off inhibition status in case of freme error	1x1
Status of the brake master cylinder pressure sensor inhibition	1x1
Calibraiton for range for battery current from EBS	1x1
inhibition request status	1x1
calibration of ISS inhibit request	1x1
Default value of Low Speed Follow - Start Value Demand	1x1
Default application value for Com_stMETE2ACISSInhbReq in case of defective reception.	1x1
Default value of Electric Water Pump Active	1x1
Default of Electric Water Pump Fail	1x1
Default value for communication status between Meter and ECU of METG frame in case of frame error	1x1
Default value of Meter custom default setting	1x1
Default value Calibration parameter for Com_stMtrCustStReq message	1x1
Neutral postition status based on gear information	16x1
Default value for the status of engine start inhibition flag	1x1
Default value of +R Type enabled	1x1
Calibration for Rear Fog-light	1x1
Calibration for Reset switch data during engine oil change	1x1
Default application value for Com_stSeatBltInfoin case of defective reception.	1x1
Actual transmission position for N-range in case of system errors for TCU02 frame	1x1
Actual transmission position for P-range in case of system errors for TCU02 frame	1x1
Calibration forstatus message for fixed position	1x1
Calibration state of SOC signal	1x1
Default value of of sport switch status	1x1
Default value parameter for Com_stStrtupProc message	1x1
Default value parameter for Com_stTempAbnormLgtG message	1x1
Timeout Error EnableDisable calibration for AT frames	1x1
Timeout Error EnableDisable calibration for Tx frames	1x1
Com_stTqAccuracyDummy_C	1x1
Default value of Truck enabled	1x1
Calibration for Clear Reason for TSR(Camera unit)	1x1
Calibratable variable for status of Vehicle speed sensor error	1x1
Calibration array for communicating the error value for each module	26x1
Calibartion for ESP module for comapring the total ERROR weight value for VSA	1x1
factor for GBX for comparing the Total Error Weight value for the VSA module.	1x1
Status of the wiper condition calibration	1x1
Switch to select the frames ACCA/ACCA2	1x1
Switching to AC EVA temperature from diffrent module.	1x1
switch between twp different Variants	1x1
switch between twp different Variants	1x1
Switch for selection of ASL or CC value	1x1
Switch for selection of ASL or CC value	1x1
Selection switch to select AWD1 or AWD2 Receive Frames	1x1
Switch to select the Lead Torque Value	1x1
switch between twp different Variants	1x1
switch between twp different Variants	1x1
Switch to select the clutch status value	1x1
calibration switch Auto Manual cranking	1x1
Calibration switch to select torque source for torque at clutch level	1x1
calibration switch Auto Manual cranking	1x1
Calibration switch to select torque source for torque at clutch level	1x1
switch between twp different Variants	1x1
EAT10 error monitoring enable switch	1x1
EAT4 error monitoring enable switch	1x1
EAT5 error monitoring enable switch	1x1
EAT6 error monitoring enable switch	1x1
EAT9 error monitoring enable switch	1x1
EATA error monitoring enable switch	1x1
Switch to select the frames EATB/EATB2	1x1
EATB error monitoring enable switch	1x1
switch between twp different Variants	1x1
switch between twp different Variants	1x1
Switch for changing between 3 bytes ENGJ, 5 bytes ENGJ and 8 bytes ENGJ	1x1
Switch to select the frames ENGK/ENGK2	1x1
ENGOENGO2 FRAME SELECTION SWITCH	1x1
Calibration switch to select ASW interfaces for Engine Oil Temperature	1x1
Switch to select the frames ENGR or ENGR2	1x1
ENGT1 switch VMD torque	1x1
cailbration to choose the value of torque	1x1
switch to select between ENGX and ENGX2 Frame	1x1
Switch to Select the Outside Air Temperature	1x1
switch between twp different Variants	1x1
switch to select EPS Warning for Multi Information Display	1x1
switch between twp different Variants	1x1
Switch to select Fuel control request signal	1x1
Immobilizer key lamp Enable/Disable switch	1x1
calibration switch to select input to intake air temperature over CAN	1x1
switch for headlight information received on CAN	1x1
Switch to select the frames METC/METC2	1x1
METD and METD2 frame selection switch	1x1
Calibration Parameter for selecting METGMETG2 Frame for MY17MY12	1x1
Switch to select MET/MET2 frame	1x1
switch between twp different Variants	1x1
CAN switch for Multi information switch	1x1
Switch for selection of Target gear information recieved over CAN	1x1
Switch for selection of Actual gear information recieved over CAN	1x1
Switch for selection of source of Park or Neutral gear information received over CAN	1x1
switch value of Com_swtPTRatTrqCnv_C	1x1
calibration to switch between two different variants	1x1
switch between twp different Variants	1x1
Selection of accelerator pedal position for ENGA frame	1x1
Selection of accelerator pedal position for ENGT frame	1x1
switch to select ratio information	1x1
switch to select ratio information	1x1
calibration used for status of gear position	1x1
switch to decide torque losses	1x1
Switch to select Vehicle speed from Toss or ABS Sensors	1x1
switch between twp different Variants	1x1
AC EVA temperature information calibration	1x1

Default application value for Outside air temperature Com_tAirOutside.	1x1
Calibration for battery temperature from EBS	1x1
Offset of Alternator excitation time	1x1
Slope of Alternator excitation time	1x1
Time for AWD frame preliminary error check	1x1
Debouncing time for setting the quality level of DSQ_stComAYCB	1x1
Calibration to recognize CAN disconnection error	1x1
Time for EAT4 frame preliminary error check	1x1
Debounce parameters for ECON switch status / Time for a High to Low transition	1x1
Debounce parameters for ECON switch status / Time for a Low to High transition	1x1
Debouncing time for defect detection of ENG11 time out error	1x1
calibration for debounce value of ENG12 Timeout	1x1
Debouncing time for defedt detection of ENG14 time out error	1x1
Debouncing time for defect detection of ENG15 time out error	1x1
Calibration parameter for time debouncing of Engine information frame ENG17	1x1
Calibration parameter for time debouncing of Engine information frame 18	1x1
Debounce TIme Calibration for ENG19 Frame	1x1
Calibration parameter for time debouncing of Engine information frame 21.	1x1
Timeout count of ENGA2	1x1
Debouncing time for defect detection of ENGA time out error	1x1
Debouncing time for defect detection of ENGB time out error	1x1
Debouncing time for defect detection of ENGC time out error	1x1
Debouncing time for defect detection of ENGHIP1 time out error	1x1
Debouncing time for defect detection of ENGJ time out error	1x1
Calibration for Time out of ENJK2 Frame.	1x1
Debouncing time for defect detection of ENGK time out error	1x1
Debouncing time for defect detection of ENGM time out error	1x1
Debouncing time for defect detection of ENGO time out error	1x1
Calibration parameter for time debouncing of Engine information frame P	1x1
Debouncing time for defect detection of ENGR time out error	1x1
Turn off delay time for Change of Mind (GSH)	1x1
delay time for Setting state of Rev Match function (GSH Off)	1x1
delay time for Setting state of Rev Match function((GSH On))	1x1
Debouncing time for defect detection of ENGS time out error	1x1
Calibration for error debouncing time for ENGT1	1x1
ENGT2 Time out Debounce Calibration	1x1
Debouncing time for defect detection of ENGA time out error	1x1
Debounce time for Timeout of Transmission frame ENGU	1x1
Debounce TIme Calibration for ENGV2 Frame	1x1
Debouncing time for defect detection of ENGW time out error	1x1
ENGX2 time debounce parameter	1x1
Calibration parameter for time debouncing of Engine information frame X	1x1
Calibration parameter for time debouncing of Engine information frame Y	1x1
Calibration parameter for time debouncing of Engine information frame Z	1x1
Delay time for Com_stFlFWLvl to get updated by FlFWLvl_stLmp	1x1
Filter time constant for fuel level ratio	1x1
Default value Idle Stop Persmission time	1x1
Delay time for monitoring of send and receive frames after battery voltage exceeds the threshold value	1x1
Delay time for monitoring of send and receive frames after T15 On	1x1
Debouncing time for OBS frame time out	1x1
Delay time for oil pressure warning lamp	1x1
Delay time for oil low warning lamp	1x1
Debounce parameters for Sport switch status / Time for a High to Low transition	1x1
Debounce parameters for Sport switch status / Time for a Low to High transition	1x1
starter off recognition delay	1x1
Default application value for Com_tMETE2AirOutside in case of defective reception.	1x1
Default value of Evaporator temperature of AC	1x1
Outside air temperature Calibration	1x1
Default value for Requested Torque of AWD	1x1
Default value for AYC request torque for MSR	1x1
Default value for torque intervention	1x1
Crankshaft torque	1x1
Default calibration value for TCS/DCS Lead Torque Value	1x1
curve for VSA Torque Accuracy Improvement	10x1
Calibration for EGR torque Correction	1x1
Curve for conversion from engine rpm to torque at clutch level	15x1
Cuver for VSA calculation for mapping nmot_w.	15x1
Com_trqPthSet_C	1x1
Offset of Alternator adjusting voltage demand	1x1
Slope of Alternator adjusting voltage demand	1x1
Calibration battery voltage from EBS	1x1
application parameter for default value of the A/d raw value of fuel level	1x1
Default application value for Com_uMETE2BlowrFan in case of defective reception.	1x1
Threshold for battery voltage to enable monitoring	1x1
Calibration battery voltage at cranking peak	1x1
Default value for Meter display speed in case of frame error'	1x1
Default value for ACC control setpoint speed of ACCB frame	1x1
Default value for Digital Speed Meter display target value(Hysteresis processing value) information in case of frame error'	1x1
Default value for Speed Meter display target value(Raw Value) in case of frame error'	1x1
Default value for Digital Speed Meter display target value(Hysteresis processing value for display) in case of frame error'	1x1
Maximum vehicle speed at transimission	1x1
Minimum vehicle speed at transimission	1x1
Default value for METER vehicle speed	1x1
Default value for fuel level in hex	1x1
EATA error value for Com_vVehCtl	1x1
Vehicle speed for control	1x1
Vehicle speed for instrument panel	1x1
Calibration Parameter for Wheel Speed	1x1
Freeze frame environment conditions	6x1
Calibration for Freeze signals	40x1
Factor for oil pump.	1x1
Calibration factor for large torque increase	1x1
Intensity factor for the calculation of the torque reserve	1x1
Correction factor for turbine speed	1x1
Flag for enabling reserve torque depending on shift lever status	1x1
Flag for enabling reserve torque depending on shift lever status	1x1
Flag for selecting in gear information to control torque reserve end timing.	1x1
Flag for selecting out gear information to control torque reserve end timing.	1x1
Flag for selecting Curve or Map in the calculation of converter load torque.	1x1

Structure pointing to the debounce parameter of gear lever shift from drive to reverse / Time for a High to Low transition	1x1
Structure pointing to the debounce parameter of gear lever shift from drive to reverse / Time for a Low to High transition	1x1
Structure pointing to the debounce parameter of gear lever shift from reverse to drive / Time for a High to Low transition	1x1
Structure pointing to the debounce parameter of gear lever shift from reverse to drive / Time for a Low to High transition	1x1
Structure pointing to the debounce parameter / Time for a High to Low transition	1x1
Structure pointing to the debounce parameter / Time for a Low to High transition	1x1
Lower limit turbine speed	1x1
minimum correction factor for turbine speed	1x1
Turbine speed	1x1
Lever position number of the drive gear	1x1
Lever position of the Neutral gear (dependent on the allocation of the gear lever information TT TYPE=VARIABLEGbx_stGearLvrTT)	1x1
Lever position of the Parking (dependent on the allocation of the gear lever information TT TYPE=VARIABLEGbx_stGearLvrTT)	1x1
Lever position number of the reverse gear	1x1
Parameter for converter transmission ratio.	1x1
status of static turbine	1x1
Enable status of gear lever shift from Drive to Reverse and vice versa	1x1
Converter oil cooler offset select switch	1x1
Initial time value.	1x1
Filter time during the transistion of the gear selector lever from D to NP	10x1
Turn on delay time when gear lever shift from drive to reverse	1x1
Turn on delay time when gear lever shift from reverse to drive	1x1
Temperature dependant debounce time of gear lever shift from drive to reverse	14x1
Temperature dependant debounce time of gear lever shift from reverse to drive	14x1
Filter time for N Control Curve	10x1
Debounce time vs temperature curve when transition from reverse gear to Neutral.	14x1
Debounce time vs temperature curve when transition from reverse gear to Park.	14x1
Debounce time temperature for reverse gear.	14x1
Filter time constants for turbine speed	1x1
Debounce time temperature for no gear engaged.	14x1
Debounce temperature gear engaged.	14x1
Filter time constants for torque load	1x1
Filter time constants for torque reserve	10x1
Filter time during the transistion of the gear selector lever from NP to D	10x1
Group cur of temperature dependant reserve torque during AC on for gear lever shift from drive to reverse and vice versa	14x1
Group cur of temperature dependant reserve torque for gear lever shift from drive to reverse and vice versa	14x1
Load torque parameter	1x1
Load torque parameter	1x1
Code word for activation of the converter.	1x1
Offset for the reduction of the torque load	1x1
Load torque for low-idle.	14x1
Limitation of the torque load by CAN	10x1
Substitution of the torque load in case of an error	1x1
Load torque for reverse gear.	14x1
Temperature dependant value for the limitation of the load torque.	14x1
Code word for load torque calculation	1x1
map for Differential torque losses	8x8
Timer für CAN-Zulässigkeit / Time for a High to Low transition	1x1
Timer für CAN-Zulässigkeit / Time for a Low to High transition	1x1
minimum value of the torque reserve	1x1
Limitation of the torque reserve	1x1
Limitation of the torque reserve	1x1
Limitation of the torque reserve	1x1
minimum value of the moment reserve if the selector level position is neutral	1x1
pre-filtered value of the torque load for additional torque reserve	1x1
Subsitution of the torque reserve	1x1
Temperature dependent torque reserve during AC ON	14x1
Temperature dependant reserve torque.	14x1
Ramp slope parameters for the Decreasing Gearbox Intervention / Slope if the ramp has to be increased	1x1
Ramp slope parameters for the Decreasing Gearbox Intervention / negative ramp slope	1x1
calibration to enable the Powertrain inhibits fuel cut-off	1x1
calibration to enable the Fuel Cut Off active	1x1
Debounce time for decreasing lead torque intervention of transmission.	1x1
Curve for cooling requirement of the combustion, input engine temperature	5x1
Coolant temperature of combustion engine during afterrun	1x1
Initialisation value of Coolant temperature of combustion engine	1x1
MAP for coolant temperature of combustion engine, based on engine speed and set torque	10x10
MAP for coolant temperature of combustion engine, based on engine temperature and vehicle speed	8x6
Air density delta treshold: Debouncing of Stop-Enable	1x1
Air Density: Lower treshold for Stop Enable	1x1
Map: Calculation of air density to calculate Stop Enable	4x2
Substituete value of tClntEngOutDes in case of error.	1x1
Engine temperature delta treshold: Debouncing of Stopp Enable	1x1
Engine temperature treshold: Upper treshold of Stop Enable	1x1
Engine temperature treshold: Lower treshold of Stop Enable	1x1
Engine temperature delta treshold: Debouncing of Start Request	1x1
Engine temperature treshold: Upper treshold of Start Request	1x1
Engine temperature treshold: Lower treshold of Start Request	1x1
Time constant for negative gradients of CoVeh_tClntDes.	1x1
Time constant for positive gradients of CoVeh_tClntDes.	1x1
Configuration Codeword for Interface adapter CoVeh to MED 79	1x1
System error limitation curve (wheel torque)	7x1
Full load recognition threshold drivers demand	14x1
Curve to convert cruise control torque request to acceleration request	4x1
Curve to convert speed limiter torque request to acceleration request	4x1
Switch to select if driving assistance functions are calculated in Engine ECU	1x1
Switch to select if driving assistance functions are calculated in Engine ECU	1x1
Switch to select if driving assistance functions are calculated in Engine ECU	1x1
Switch to select if driving assistance functions are calculated in Engine ECU	1x1
Switch to select if driving assistance functions are calculated in Engine ECU	1x1
Switch to select if driving assistance functions are calculated in Engine ECU	1x1
Switch for Cruise Control Selection	1x1
Switch to Select CrCtl demand	1x1
Switch for MoF selection	1x1
Default value of cruise control torque request when cruise control is not active	1x1
Default value of speed limiter torque request when speed limiter is not active	1x1
codeword for CoVMD_TrqCalc	1x1
codeword for CoVMD_TrqDesCoord	1x1
Lower threshold for CrCtl Status	1x1
Upper threshold for CrCtl Status	1x1
Lower threshold for fuel cut off	1x1

Upper threshold for fuel cut off	1x1
Lower threshold for LLim Status	1x1
Upper threshold for LLim Status	1x1
Negative ramp value for TCS intervention torque	1x1
Positive ramp value for TCS intervention torque	1x1
Debounce time for deactivation of TCS Intervention	1x1
Debounce time for activation of TCS Intervention	1x1
Allowable cam delta angle from reference position for intake valve	1x1
Allowable cam delta angle from reference position for outlet valve	1x1
AC inhibition request based on variant selection	1x1
ISS Inhibit Selection switch	1x1
Calibration parameter to enable emergency start from Brake System	1x1
0= start release condition only with engaged neutral gear 1= start release condition with pressed clutch or engaged neutral gear	1x1
Prohibit emergency start in case of inhibited FId for an engine start	1x1
Calibration parameter to decide whether the maximum reached velocity threshold should be reset in case of ""Change Of Mind	1x1
Switch to allows engine start trough coordinator even if first start was not carried out	1x1
Switch to allow engine start with coordinator even if the stop was not due to coordinator	1x1
Calibration to enable restart engine request	1x1
A deactivated Start/Stop switch should request a engine start immediately depending on this parameter.	1x1
Maximum engine stop counter for engine stop release	1x1
Maximum engine stop counter for engine stop release	1x1
Maximum engine stop counter for engine stop release	1x1
Calibration to disable crank abort during re-start only when starter is engaged	1x1
Switch to consider engine speed for determining engine stall condition	1x1
Engine speed threshold for determining engine stall condition	1x1
Engine speed delta threshold for Idle Stop release	1x1
Minimum engine speed to allow change of mind functionality	1x1
Maximum allowed number of start abortions	1x1
Offset calibration for judgment of negative pressure change in the vacuum chamber after ISAB comes into operation and give a start request	1x1
Accelaration pedal position upper hystheresis threshold for a stop request	1x1
Accelarator pedal position lower hystheresis threshold for a stop request.	1x1
Acceleration pedal ratio that leads to engine start	1x1
Parameter to enable status of auto restart request	1x1
Status of mask of change of mind request	1x1
Clutch signal selection calibration based on the sensors present	1x1
Comfort start request is maskable to determine which requests should occur comfort start.	1x1
CVT pre condition mask for stop enable	1x1
Calibration parameter for Emergency Start Enable	1x1
Mask for engine stall reason	1x1
Ignore Brake Pedal from Start request	1x1
Calibration for Idle stop condition for Brake Master cylinder hydraulic pressure low	1x1
Mask for standby condition	1x1
Power start request is given, if the masked request is active.	1x1
Stop release mask	1x1
Stop release mask	1x1
Stop release mask	1x1
Bit mask for Idle stop request condition.	1x1
Bit mask for Idle stop request condition.	1x1
Start enable mask	1x1
Start request mask	1x1
Start request mask	1x1
Start request mask	1x1
Start request mask	1x1
Switch to select CAN input for VSA inhibit in restart from engine functionality	1x1
System off release mask	1x1
System off trigger mask calibration	1x1
Vehicle market selection switch	1x1
Calibration to select AC logic or Defogger logic.	1x1
Switch to select clutch based restart release	1x1
Drive mode selection between variant MT and AT,CVT	1x1
Drive mode selection between variant MT and AT,CVT	1x1
Application to enable or disable Start/Stop coordinator	1x1
Calibration switch to enable the trigger camshaft to the reference position calculation	1x1
Engine temperature threshold: Lower threshold of Start Request	1x1
Debounce Delay METER Enable.	1x1
Debounce time for VSA stop request for StbIntv_stAYCFISSInhbReq	1x1
Debounce time for VSA stop request for StbIntv_stAYCISSInhbReq.	1x1
Debounce time for stop release (Body Interior)	1x1
Debounce time for the release condition (Brake system)	1x1
Stop release debounce time engine coordinator	1x1
Debounce time for the driver stop request	1x1
threshold time to abort the engine crank	1x1
Debounce Delay for MVCPA Enalbe	1x1
delay time for engine restart request from engine stall	1x1
debounce time for engine restart request high to low transition	1x1
debounce time for engine restart request low to high transition	1x1
Calibration to check Engine stall time	1x1
engine start order delay	1x1
Debounce time for EPS stop request	1x1
Debounce time for the stop release of electrical supply system	1x1
Delay time for start request from Battery system	1x1
Front Defogger switch debounce time for Stop Release.	1x1
Front Defogger Switch Debounce time for Start Request.	1x1
Front Defogger switch debounce time for Stop Release.	1x1
Front Defogger Switch Debounce time for Start Request.	1x1
Time delay to reset Reverse gear status when Forward gear is engaged	1x1
Time window in which an engine stop is possible if the stop release are given.	1x1
Debounce time for stop request, if the engine speed is below than calibratable threshold	1x1
Debounce time for the stop release of powertrain	1x1
Debounce time for the stop request of powertrain	1x1
Restart release inhibition delay when change from Neutral	1x1
Time delay to goto System off after seatbelt is unfastened during idle stop	1x1
System off auto restart time	1x1
Debounce time for the stop release condition, if the reverse gear is not engaged.	1x1
Debounce time for transmission stop request	1x1
Debounce time for the stop release of the thermal system	1x1
The continuation time for Idle Stop frequency restriction requirement judgment	1x1
Time delay to check Idle stop release conditions once trigger conditions are available	1x1
Debounce the vehicle velocity for idle stop	1x1
Time for start abortion recognition	1x1
Vehicle speed threshold to clear reverse history	1x1
Pulled up vehcile speed during idle stop suppression	1x1
Idling stop carriage return vehicle speed	1x1

Idling stop permission vehicle speed	1x1
Vehicle speed threshold that is necessary for a stop request	1x1
Minimum vehicle speed for release of engine stop that has to be reached	1x1
Maximum of vehicle velocity since start	1x1
Vehicle speed threshold that leads to engine start	1x1
The Low side hysteresis width of the vehicle speed for IS frequency restriction judgment.	1x1
Switch to reset the measurement values of Context Save Area (CSA) and Stack consumption in the ENVRAM	1x1
CPV activation in switchoff	1x1
CPV_ADDCTL_ATS_ATS.LimitTypeMsk_C	1x1
CPV_ADDCTL_ATS_ATS.CnvNorm_C	1x1
CPV_ADDCTL_ATS_ATS.LowLim_C	1x1
CPV_ADDCTL_ATS_ATS.UpLim_C	1x1
CPV_ADDCTL_ATS_ATS.CnvFac_C	1x1
CPV_ADDCTL_ATS_ATS.CnvOfs_C	1x1
CPV_ADDCTL_ATS_ATS.DfltVal_C	1x1
AT vehicle Speed error Count	1x1
output counter value for continuation Tap Down initial	1x1
continuation TAP UP count value for CC	1x1
output counter value for continuation Tap Up initial	1x1
output counter value for Tap Down initial	1x1
output counter value for Tap Up initial	1x1
Correct value of APP in 1 level lower gear for close side	6x12
Correct value of APP in 1 level lower gear for open side	6x12
Correct value of APP in 2 level lower gear for close side	6x12
Correct value of APP in 2 level lower gear for open side	6x12
Correct value of APP in 3 level lower gear for close side	6x12
Correct value of APP in 3 level lower gear for open side	6x12
Correct value of APP in 4 level lower gear for close side	6x12
Correct value of APP in 4 level lower gear for open side	6x12
Curve for Gain factor of ACC acceleration value	12x1
Accel differential coeffecient for DR1 judgement at ACC_F/B	6x1
Accel differential coeffecient data for DR1 judgement at ACC_RESUME	6x6
Accel differential coeffecient for DR2 judgement at ACC_F/B	6x1
Accel differential coeffecient data for DR2 judgement at ACC_RESUME	6x6
Accel differential coeffecient for DR3 judgement at ACC_F/B	6x1
Accel differential coeffecient data for DR3 judgement at ACC_RESUME	6x6
Accel differential coeffecient for DR4 judgement at ACC_FB	6x1
Accel differential coeffecient data for DR4 judgement at ACC_RESUME	6x6
Accel differential coeffecient for DR5 judgement at ACC_FB	6x1
Accel differential coeffecient data for DR5 judgement at ACC_RESUME	6x6
Accel differential coeffecient for DR6 judgement at ACC_FB	6x1
Accel differential coeffecient data for DR6 judgement at ACC_RESUME	6x6
Accel differential coeffecient for DR7 judgement at ACC_FB	6x1
Accel differential coeffecient data for DR7 judgement at ACC_RESUME	6x6
Accel differential coeffecient for DR1 judgement at CC_ACCEL for ECON	6x1
Accel differential coeffecient for DR1 judgement at ACC_F/B for ECON	6x1
Accel differential coeffecient data for DR1 judgement at ACC_RESUME for ECON	6x6
Accel differential coeffecient for DR2 judgement at CC_ACCEL for ECON	6x1
Accel differential coeffecient for DR2 judgement at ACC_F/B for ECON	6x1
Accel differential coeffecient data for DR2 judgement at ACC_RESUME for ECON	6x6
Accel differential coeffecient for DR3 judgement at CC_ACCEL for ECON	6x1
Accel differential coeffecient data for DR2 judgement at ACC_RESUME for ECON	6x6
Accel differential coeffecient for DR3 judgement at CC_ACCEL for ECON	6x1
Accel differential coeffecient for DR3 judgement at ACC_F/B for ECON	6x1
Accel differential coeffecient data for DR3 judgement at ACC_RESUME for ECON	6x6
Accel differential coeffecient for DR4 judgement at CC_ACCEL for ECON	6x1
Accel differential coeffecient for DR4 judgement at ACC_FB for ECON	6x1
Accel differential coeffecient data for DR4 judgement at ACC_RESUME for ECON	6x6
Accel differential coeffecient for DR5 judgement at CC_ACCEL for ECON	6x1
Accel differential coeffecient for DR5 judgement at ACC_FB for ECON	6x1
Accel differential coeffecient data for DR5 judgement at ACC_RESUME for ECON	6x6
Accel differential coeffecient for DR6 judgement at CC_ACCEL for ECON	6x1
Accel differential coeffecient for DR6 judgement at ACC_FB for ECON	6x1
Accel differential coeffecient data for DR6 judgement at ACC_RESUME for ECON	6x6
Accel differential coeffecient for DR7 judgement at CC_ACCEL for ECON	6x1
Accel differential coeffecient for DR7 judgement at ACC_FB for ECON	6x1
Accel differential coeffecient data for DR7 judgement at ACC_RESUME for ECON	6x6
Acceleration factor for changing APP limitation number for ECON to 3 from 2 (for Acceleration , ECON sw OFF, and during ACC)	6x1
Acceleration factor for changing APP limitation number for ECON to 4 from 3 (for Acceleration , ECON sw OFF, and during ACC)	6x1
Acceleration factor for changing APP limitation number for ECON to 5 from 4 (for Acceleration , ECON sw OFF, and during ACC)	6x1
Acceleration factor for changing APP limitation number for ECON to 2 from 1 (for Acceleration , ECON sw ON, and during ACC)	6x1
Acceleration factor for changing APP limitation number for ECON to 3 from 2 (for FB, ECON sw OFF, and during ACC)	6x1
Acceleration factor for changing APP limitation number for ECON to 4 from 3 (for FB, ECON sw OFF, and during ACC)	6x1
Acceleration factor for changing APP limitation number for ECON to 5 from 4 (for FB, ECON sw OFF, and during ACC)	6x1
Acceleration factor for changing APP limitation number for ECON to 2 from 1 (for FB, ECON sw ON, and during ACC)	6x1
Acceleration factor for changing APP limitation number for ECON to 3 from 2 (for Resume, ECON sw OFF, and during ACC)	6x6
Acceleration factor for changing APP limitation number for ECON to 4 from 3 (for Resume, ECON sw OFF, and during ACC)	6x6
Acceleration factor for changing APP limitation number for ECON to 5 from 4 (for Resume, ECON sw OFF, and during ACC)	6x6
Acceleration factor for changing APP limitation number for ECON to 2 from 1 (for Resume, ECON sw ON, and during ACC)	6x6
Acceleration factor for changing APP limitation number for ECON to 3 from 2 (for Acceleration , ECON sw ON, and during ACC)	6x1
Acceleration factor for changing APP limitation number for ECON to 4 from 3 (for Acceleration , ECON sw ON, and during ACC)	6x1
Acceleration factor for changing APP limitation number for ECON to 5 from 4 (for Acceleration , ECON sw ON, and during ACC)	6x1
Slope for changing APP limitation number for ECON to 1 from 2 (for ECON sw OFF)	6x1
Acceleration factor for changing APP limitation number for ECON to 3 from 2 (for FB, ECON sw ON, and during ACC)	6x1
Acceleration factor for changing APP limitation number for ECON to 4 from 3 (for FB, ECON sw ON, and during ACC)	6x1
Acceleration factor for changing APP limitation number for ECON to 5 from 4 (for FB, ECON sw ON, and during ACC)	6x1
Acceleration factor for changing APP limitation number for ECON to 2 from 1 (for Acceleration and ECON sw OFF)	6x1
Acceleration factor for changing APP limitation number for ECON to 3 from 2 (for Resume, ECON sw ON, and during ACC)	6x6
Acceleration factor for changing APP limitation number for ECON to 4 from 3 (for Resume, ECON sw ON, and during ACC)	6x6
Acceleration factor for changing APP limitation number for ECON to 5 from 4 (for Resume, ECON sw ON, and during ACC)	6x6
Acceleration factor for changing APP limitation number for ECON to 2 from 1 (for FB and ECON sw OFF)	6x6
factor of acceleration filtering for cruise control	1x1
factor of acceleration filtering for cruise control	1x1
Curve for Reduing factor of acceleration contorol value	12x1
Correct value of APP in top gear for ECON	6x1
Curve for reducing factor of acceleration contorol value for ECON (close)	6x1
factor of Air resistance value	1x1
Curve for factor of APP reduce revisions value for Clutch out	6x1
Factor of accelerate speed filter	1x1
Factor of vehicle speed filter	1x1
Atmospheric pressure correction for Slope A	1x1

Atmospheric pressure correction for Slope B	1x1
factor of continuation Tap initial revision request value	1x1
Percentage decrease in CC_AT cooperative control	1x1
Curve for deceleration revision factor value	12x1
Accel differential coeffecient for DR1 judgement at CC_ACCEL	6x1
Accel differential coeffecient for DR1 judgement at CC_F/B	6x1
Accel differential coeffecient data for DR1 judgement at CC_RESUME	6x6
Accel differential coeffecient for DR2 judgement at CC_ACCEL	6x1
Accel differential coeffecient for DR2 judgement at CC_F/B	6x1
Accel defferential coeffecient data for DR2 judgement at CC_RESUME	6x6
Accel defferential coeffecient for DR3 judgement at CC_ACCEL	6x1
Accel defferential coeffecient for DR3 judgement at CC_ACCEL	6x1
Accel defferential coeffecient data for DR3 judgement at CC_RESUME	6x6
Accel differential coeffecient data for DR4 judgement at CC_ACCEL	6x1
Accel differential coeffecient data for DR4 judgement at CC_FB	6x1
Accel differential coeffecient data for DR4 judgement at CC_RESUME	6x6
Accel differential coeffecient data for DR5 judgement at CC_ACCEL	6x1
Accel differential coeffecient data for DR5 judgement at CC_FB	6x1
Accel differential coeffecient data for DR5 judgement at CC_RESUME	6x6
Accel differential coeffecient data for DR6 judgement at CC_ACCEL	6x1
Accel differential coeffecient data for DR6 judgement at CC_FB	6x1
Accel differential coeffecient data for DR6 judgement at CC_ACCEL	6x1
Accel differential coeffecient data for DR6 judgement at CC_FB	6x1
Accel differential coeffecient data for DR6 judgement at CC_RESUME	6x6
Accel differential coeffecient data for DR7 judgement at CC_ACCEL	6x1
Accel differential coeffecient data for DR7 judgement at CC_FB	6x1
Accel differential coeffecient data for DR7 judgement at CC_RESUME	6x6
Correct value of APP in 1 level lower gear for ECON and close side	6x12
Correct value of APP in 1 level lower gear for ECON for open	6x12
Correct value of APP in 2 level lower gear for ECON and close side	6x12
Correct value of APP in 2 level lower gear for ECON for open side	6x12
Correct value of APP in 3 level lower gear for ECON and close side	6x12
Correct value of APP in 3 level lower gear for ECON for open side	6x12
Correct value of APP in 4 level lower gear for ECON and close side	6x12
Correct value of APP in 4 level lower gear for ECON for open side	6x12
Correct value of TAPUP initial request APP for ECON	6x1
Accel differential coeffecient data for DR1 judgement at CC_RESUME for ECON	6x6
Accel differential coeffecient data for DR2 judgement at CC_RESUME for ECON	6x6
Accel differential coeffecient data for DR3 judgement at CC_RESUME for ECON	6x6
Accel differential coeffecient data for DR4 judgement at CC_RESUME for ECON	6x6
Accel differential coeffecient data for DR5 judgement at CC_RESUME for ECON	6x6
Accel differential coeffecient data for DR6 judgement at CC_RESUME for ECON	6x6
Accel differential coeffecient data for DR7 judgement at CC_RESUME for ECON	6x6
Acceleration factor for changing APP limitation number for ECON to 3 from 2 (for Acceleration and ECON sw OFF)	6x1
Acceleration factor for changing APP limitation number for ECON to 4 from 3 (for Acceleration and ECON sw OFF)	6x1
Acceleration factor for changing APP limitation number for ECON to 5 from 4 (for Acceleration and ECON sw OFF)	6x1
Acceleration factor for changing APP limitation number for ECON to 2 from 1 (for Acceleration and ECON sw ON)	6x1
Acceleration factor for changing APP limitation number for ECON to 3 from 2 (for FB and ECON sw OFF)	6x1
Acceleration factor for changing APP limitation number for ECON to 4 from 3 (for FB and ECON sw OFF)	6x1
Acceleration factor for changing APP limitation number for ECON to 5 from 4 (for FB and ECON sw OFF)	6x1
Acceleration factor for changing APP limitation number for ECON to 2 from 1 (for FB and ECON sw ON)	6x1
Acceleration factor for changing APP limitation number for ECON to 3 from 2 (for Resume and ECON sw OFF)	6x6
Acceleration factor for changing APP limitation number for ECON to 4 from 3 (for Resume and ECON sw OFF)	6x6
Acceleration factor for changing APP limitation number for ECON to 5 from 4 (for Resume and ECON sw OFF)	6x6
Acceleration factor for changing APP limitation number for ECON to 2 from 1 (for Resume and ECON sw ON)	6x6
Acceleration factor for changing APP limitation number for ECON to 3 from 2 (for Acceleration and ECON sw ON)	6x1
Acceleration factor for changing APP limitation number for ECON to 4 from 3 (for Acceleration and ECON sw ON)	6x1
Acceleration factor for changing APP limitation number for ECON to 5 from 4 (for Acceleration and ECON sw ON)	6x1
Acceleration factor for changing APP limitation number for ECON to 2 from 1 (for Acceleration , ECON sw OFF, and during ACC)	6x1
Acceleration factor for changing APP limitation number for ECON to 3 from 2 (for FB and ECON sw ON)	6x1
Acceleration factor for changing APP limitation number for ECON to 4 from 3 (for FB and ECON sw ON)	6x1
Acceleration factor for changing APP limitation number for ECON to 5 from 4 (for FB and ECON sw ON)	6x1
Acceleration factor for changing APP limitation number for ECON to 2 from 1 (for FB, ECON sw OFF, and during ACC)	6x1
Acceleration factor for changing APP limitation number for ECON to 3 from 2 (for Resume and ECON sw ON)	6x6
Acceleration factor for changing APP limitation number for ECON to 4 from 3 (for Resume and ECON sw ON)	6x6
Acceleration factor for changing APP limitation number for ECON to 5 from 4 (for Resume and ECON sw ON)	6x6
Acceleration factor for changing APP limitation number for ECON to 2 from 1 (for Resume, ECON sw OFF, and during ACC)	6x6
Correct value of APP in top gear for ECON and close side	6x12
Correct value of APP in excepting top gear for ECON	6x12
Curve for reducing factor of acceleration contorol value for ECON (open)	6x1
factor of Engine inertia value for cruise control	1x1
Curve for factor of Estimation Slope revision value A	12x1
Curve for factor of Estimation Slope revision value B	12x1
Curve for acceleration Feed Back D factor	12x1
Curve for acceleration Feed Back D factor for Eco mode	12x1
Curve for acceleration Feed Back P factor for Eco mode	12x1
Curve for acceleration Feed Back P factor 0 value(Km/h spec)	6x1
Curve for acceleration Feed Back P factor 0 value	6x1
Curve for acceleration Feed Back P factor	12x1
Curve for acceleration Feed Back P factor 1 value(Km/h spec)	6x1
Curve for acceleration Feed Back P factor 1 value	6x1
Curve for acceleration Feed Back P factor 2 value(Km/h spec)	6x1
Curve for acceleration Feed Back P factor 2 value	6x1
Curve for acceleration Feed Back P factor 3 value(Km/h spec)	6x1
Curve for acceleration Feed Back P factor 3 value	6x1
Curve for acceleration Feed Back P factor 4 value(Km/h spec)	6x1
Curve for acceleration Feed Back P factor 4 value	6x1
Curve for acceleration Feed Back D factor for Sport mode	12x1
Curve for acceleration Feed Back P factor for Sport mode	12x1
Acceleration feed back factor value under Gear no.0	1x1
Acceleration feed back factor value under Gear no.1	1x1
Acceleration feed back factor value under Gear no.2	1x1
Acceleration feed back factor value under Gear no.3	1x1
Acceleration feed back factor value under Gear no.4	1x1
Feed Back D factor revision value under Gear no.0	1x1
Feed Back D factor revision value under Gear no.1	1x1
Feed Back D factor revision value under Gear no.2	1x1
Feed Back D factor revision value under Gear no.3	1x1
Feed Back D factor revision value under Gear no.4	1x1
Curve for Feed Back Sub Main Area D factor value	12x1
Curve for Feed Back Sub Main Area P factor value	12x1

Feed Back P factor revision value under Gear no.0	1x1
Feed Back P factor revision value under Gear no.1	1x1
Feed Back P factor revision value under Gear no.2	1x1
Feed Back P factor revision value under Gear no.3	1x1
Feed Back P factor revision value under Gear no.4	1x1
Curve for Feed Back Sub Hi Area D factor value	12x1
Curve for Feed Back Sub Hi Area P factor value	12x1
Curve for Feed Back Sub Lo Area D factor value	12x1
Curve for Feed Back Sub Lo Area P factor value	12x1
Curve for Feed Back Gain factor of ACC acceleration value	12x1
factor of Filtering Meter revision	1x1
factor of Filtering Meter Vehicle Speed	1x1
Curve for Clutch out Ne Set D factor value	6x1
Curve for Clutch out Ne Set P factor value	6x1
factor of Roll resistance value	1x1
factor of filtering Estimation Slope value for cruise control	1x1
Conversion factor from MPH to Kmph	1x1
Correct value of APP in 1 level lower gear for close side for sport mode	6x12
Correct value of APP in 1 level lower gear for open side for sport mode	6x12
Correct value of APP in 2 level lower gear for close side for sport mode	6x12
Correct value of APP in 2 level lower gear for open side for sport mode	6x12
Correct value of APP in 2 level lower gear for close side for sport mode	6x12
Correct value of APP in 2 level lower gear for open side for sport mode	6x12
Correct value of APP in 3 level lower gear for close side for sport mode	6x12
Correct value of APP in 3 level lower gear for open side for sport mode	6x12
Correct value of APP in 4 level lower gear for close side for sport mode	6x12
Correct value of APP in 4 level lower gear for open side for sport mode	6x12
Curve for Reducing factor of acceleration control value for sport mode	12x1
Curve for acceleration Feed Back P factor 0 value for sport mode	6x1
Curve for acceleration Feed Back P factor 1 value for sport mode	6x1
Curve for acceleration Feed Back P factor 2 value for sport mode	6x1
Curve for acceleration Feed Back P factor 3 value for sport mode	6x1
Curve for acceleration Feed Back P factor 4 value for sport mode	6x1
Feed Back D factor revision value for sport mode under Gear no.0	1x1
Feed Back D factor revision value for sport mode under Gear no.1	1x1
Feed Back D factor revision value for sport mode under Gear no.2	1x1
Feed Back D factor revision value for sport mode under Gear no.3	1x1
Feed Back D factor revision value for sport mode under Gear no.4	1x1
Curve for Feed Back Sub Main Area D factor value for sport mode	12x1
Curve for Feed Back Sub Main Area P factor value for sport mode	12x1
Feed Back P factor revision value for sport mode under Gear no.0	1x1
Feed Back P factor revision value for sport mode under Gear no.1	1x1
Feed Back P factor revision value for sport mode under Gear no.2	1x1
Feed Back P factor revision value for sport mode under Gear no.3	1x1
Feed Back P factor revision value for sport mode under Gear no.4	1x1
Curve for Feed Back Sub Hi Area D factor value for sport mode	12x1
Curve for Feed Back Sub Hi Area P factor value for sport mode	12x1
Curve for Feed Back Sub Lo Area D factor value for sport mode	12x1
Curve for Feed Back Sub Lo Area P factor value for sport mode	12x1
Correct value of APP in top gear for close side for sport mode	6x12
Correct value of APP in top gear for open side for sport mode	6x12
Correct value of APP in top gear for close side	6x12
Correct value of APP in top gear for open side	6x12
factor of Tire inertia value for cruise control	1x1
factor of Torque conversion value	1x1
factor of cruise control Vehicle Speed Filter	1x1
factor of Meter Vehicle Speed ReFilter	1x1
Car mass value for cruise control	1x1
Torque off Check NE additional value	1x1
Curve for Torque off Check NE value	6x1
RP (hysteresis Lo) value for ECON	1x1
cruise control type number	1x1
switch for selecting the type of transmission used	1x1
Curve for target acceleration standerd value for ECON	1x1
Meter Revision control select Number	1x1
Torque Ratio calculation Number	1x1
APP request every 10ms Add variant value	1x1
APP request every 10ms Sub variant value	1x1
Curve for APP request value of Gear Change for ACC Brake On	6x1
Slope for changing APP limitation number for ECON to 2 from 3 (for ECON sw OFF and during ACC)	6x1
Slope for changing APP limitation number for ECON to 3 from 4 (for ECON sw OFF and during ACC)	6x1
Slope for changing APP limitation number for ECON to 4 from 5 (for ECON sw OFF and during ACC)	6x1
Slope for changing APP limitation number for ECON to 1 from 2 (for ECON sw ON and during ACC)	6x1
Slope for changing APP limitation number for ECON to 2 from 3 (for ECON sw ON and during ACC)	6x1
Slope for changing APP limitation number for ECON to 3 from 4 (for ECON sw ON and during ACC)	6x1
Slope for changing APP limitation number for ECON to 4 from 5 (for ECON sw ON and during ACC)	6x1
Mask timer for changing APP limitation number for ECON (for APP limitation number up)	6x1
ACC First Tap Up target acceleration reduce feed back value	1x1
ACC First Tap Up target acceleration reduce value	1x1
MAP for output Accel off(Not Top Gear)	9x6
MAP for output Accel off(Top Gear)	9x6
Curve for Gear Change start APP request value	6x1
Curve for Tap Down initial value(Not Top Gear) for ACC	6x1
Curve for Tap Down initial value(Top Gear) for ACC	6x1
Curve for Tap Up initial value(Not Top Gear) for ACC	6x1
Curve for Tap Up initial value(Top Gear) for ACC	6x1
Added value1 in each 100ms to desired vehicle speed for ECON (ECON sw OFF, Continuous TAPUP)	6x1
Upper limit of acc. pedal opening at ACC follow-up control (Kmph)	6x1
Upper limit of acc. pedal opening at ACC follow-up control(MPH)	6x1
Accped opening for DR1 cancellation at CC down slope	6x1
Accped opening for DR2 cancellation at CC down slope	6x1
Accped opening for DR3 cancellation at CC down slope	6x1
Accped opening for DR4 cancellation at CC down slope	6x1
Accped opening for DR5 cancellation at CC down slope	6x1
Accped opening for DR6 cancellation at CC down slope	6x1
Accped opening for DR7 cancellation at CC down slope	6x1
APP limit value for Clutch out	1x1
Conversion slip ratio limit	1x1
DR cancel judgement acc.pedal opening at CC down slope.	1x1
APP request every 10ms Sub variant value during ECON active	1x1
Corrected deviation speed to check the end of resume off control	1x1

MAP for output Accel off(Not Top Gear) for Eco mode	9x6
MAP for output Accel off(Top Gear) for Eco mode	9x6
Correct value of APP in top gear for ECON	6x12
Curve for reducing factor of acceleration contorol value for ECON (close)	6x12
Curve for reducing factor of acceleration contorol value for ECON (open)	6x12
Correct value of TAPUP initial request APP for ECON	6x12
Correct value of initial request APP for ECON	6x12
Slope for changing APP limitation number for ECON to 2 from 3 (for ECON sw OFF)	6x1
Slope for changing APP limitation number for ECON to 3 from 4 (for ECON sw OFF)	6x1
Slope for changing APP limitation number for ECON to 4 from 5 (for ECON sw OFF)	6x1
Slope for changing APP limitation number for ECON to 1 from 2 (for ECON sw ON)	6x1
Enable resume off control	6x12
Corrected deviation speed to check the end of resume off control	6x12
APP request every 10ms Sub variant value during ECON active	6x12
APP request every 10ms Add variant value during ECON active	6x12
Correct value of APP in excepting top gear for ECON	6x12
Slope for changing APP limitation number for ECON to 2 from 3 (for ECON sw ON)	6x1
Slope for changing APP limitation number for ECON to 3 from 4 (for ECON sw ON)	6x1
Slope for changing APP limitation number for ECON to 4 from 5 (for ECON sw ON)	6x1
Slope for changing APP limitation number for ECON to 1 from 2 (for ECON sw OFF and during ACC)	6x1
MAP for output resume off (Not Top Gear) for Eco mode	9x6
MAP for output resume off (Top Gear) for Eco mode	9x6
MAP for output resume off (Top Gear)	12x12
MAP for output resume off (Not Top Gear)	12x12
MAP for output resume off (Top Gear, EU Km/h)	12x12
MAP for output resume off (Not Top Gear, EU Km/h)	12x12
During ACC follow-up control,deviation in accel data for DR1 judgement for ECON	12x12
Estimated slope value for AT	6x1
Transition Ratio of Estimation Slope value	1x1
Slope assessed value data for CC_DR1 cancel judgement	6x1
Slope assessed value data for CC_DR2 cancel judgement	6x1
Slope assessed value data for CC_DR3 cancel judgement	6x1
Slope assessed value data for CC_DR4 cancel judgement	6x1
Slope assessed value data for CC_DR5 cancel judgement	6x1
Slope assessed value data for CC_DR6 cancel judgement	6x1
Slope assessed value data for CC_DR7 cancel judgement	6x1
Curve for first torque Down for Cruise Control cancel	6x1
MAP for initial APP request(Not Top Gear)	5x6
MAP for initial APP request(Top Gear)	5x6
MAP for initial APP request(Not Top Gear) for sport mode	5x6
MAP for initial APP request(Top Gear) for sport mode	5x6
Curve for LSF start demand value for request level 1	12x1
Curve for LSF start demand value for request level 2	12x1
Curve for LSF start demand value for request level 3	12x1
Selected easily condition to change desired vehicle speed for ECON	6x1
Max. acc pedal opening at CC (Kmph)	6x1
Max. acc pedal opening at CC(MPH)	6x1
Added value3 in each 100ms to desired vehicle speed for ECON (ECON sw ON, Continuous TAPUP)	6x1
Max. acc. pedal opening at CC3 lower gear (MPH)	6x1
Added value4 in each 100ms to desired vehicle speed for ECON (ECON sw ON, Continuous TAPUP)	6x1
Max. acc. pedal opening at CC4 lower gear (MPH)	6x1
Added value4 in each 100ms to desired vehicle speed for ECON (ECON sw ON, Continuous TAPUP)	6x1
Max. acc. pedal opening at CC4 lower gear (MPH)	6x1
Added value5 in each 100ms to desired vehicle speed for ECON (ECON sw ON, Continuous TAPUP)	6x1
Max. acc. pedal opening at CC5 lower gear (MPH)	6x1
Added value6 in each 100ms to desired vehicle speed for ECON (ECON sw ON, Continuous TAPUP)	6x1
Max. acc. pedal opening at CC6 lower gear (MPH)	6x1
Added value2 in each 100ms to desired vehicle speed for ECON (ECON sw ON, Continuous TAPUP)	6x1
Max. acc. pedal opening at CC2 lower gear (KMPH)	6x1
Max. acc. pedal opening at CC2 lower gear (MPH)	6x1
Added value1 in each 100ms to desired vehicle speed for ECON (ECON sw ON, Continuous TAPUP)	6x1
Max. acc. pedal opening at CC next gear(KMPH)	6x1
Max. acc. pedal opening at CC next gear (MPH)	6x1
Added value2 in each 100ms to desired vehicle speed for ECON (ECON sw OFF, Continuous TAPUP)	6x1
Max. acc. pedal opening at CC top gear (KMPH)	6x1
Max. acc. pedal opening at CC top gear (MPH)	6x1
maximum threshold for APP value	1x1
default value of Filtering Meter revision ratio value	1x1
default value of Meter revision Ratio value	1x1
Curve for Ratio of Meter Vehicle Speed revision Lo limit value	12x1
Curve for Ratio of Meter Vehicle Speed revision Upper limit value	12x1
Curve for Ratio of Meter Vehicle Speed revision value	12x1
Curve for Gear Change APP request value	6x1
MAP for output resume off (Not Top Gear, EU Km/h)	9x6
MAP for output resume off (Not Top Gear)	9x6
MAP for output resume off (Top Gear, EU Km/h)	9x6
MAP for output resume off (Top Gear)	9x6
Curve for second APP Down for Cruise Control cancel	6x1
Accel shut off check value	1x1
MAP for output Accel off(Not Top Gear) for sport mode	9x6
MAP for output Accel off(Top Gear) for sport mode	9x6
Upper limit of acc. pedal opening at ACC follow-up control(MPH) for sport mode	6x1
Selected easily condition to change desired vehicle speed for ECON for sport mode	6x1
Max. acc pedal opening at CC(MPH) for sport mode	6x1
Max. acc. pedal opening at CC3 lower gear (MPH) for sport mode	6x1
Max. acc. pedal opening at CC4 lower gear (MPH) for sport mode	6x1
Max. acc. pedal opening at CC5 lower gear (MPH) for sport mode	6x1
Max. acc. pedal opening at CC6 lower gear (MPH) for sport mode	6x1
Max. acc. pedal opening at CC2 lower gear (MPH) for sport mode	6x1
Max. acc. pedal opening at CC next gear (MPH) for sport mode	6x1
Max. acc. pedal opening at CC top gear (MPH) for sport mode	6x1
Curve for Gear Change APP request value for sport mode	6x1
MAP for output resume off (Not Top Gear) for sport mode	9x6
MAP for output resume off (Top Gear) for sport mode	9x6
Curve for Tap Down initial value(Not Top Gear) for CC for sport mode	6x1
Curve for Tap Down initial value(Top Gear) for CC for sport mode	6x1
Curve for Tap Up initial value(Not Top Gear) for CC for sport mode	6x1
Curve for Tap Up initial value(Top Gear) for CC for sport mode	6x1
Curve for Tap Down initial value(Not Top Gear) for CC	6x1
Curve for Tap Down initial value(Top Gear) for CC	6x1
Curve for subtraction value of target APP value	6x1

default value of Torque Ratio value	1x1
Tap up initialisation value incase of down request	6x1
Curve for Tap Up initial value(Not Top Gear) for CC	6x1
Curve for Tap Up initial value(Top Gear) for CC	6x1
Vehicle Speed Error Check ratio	1x1
selected value by Clutch out case carry out control for ACC	1x1
Selected control to change desired vehicle speed for ECON in stages	1x1
selected value by Reset spec for ACC	1x1
Down No of ACC ceiling release instruction judgment gear	1x1
Status value for com seletion for Automatic Transmission	1x1
Switch which coast control is disabled when SET-SW is pushed long.	1x1
ACC RP (hysteresis Lo) value for ECON	1x1
Down No of gear of judgment of opening of greatest acceleration	1x1
Down No of CC ceiling release instruction judgment gear	1x1
Flag for disabling the increase in reqtd. acc. pedal opening after deciding CC_DR	1x1
DR1 acceleration judgement timer disabling flag for CC up slope	1x1
DR2 acceleration judgement timer disabling flag for CC upslope	1x1
DR3 cancellation judgement timer disabling flag for CC up slope	1x1
DR4 acceleration judgement timer disabling flag for CC up slope	1x1
DR5 acceleration judgement timer disabling flag for CC up slope	1x1
DR6 acceleration judgement timer disabling flag for CC up slope	1x1
DR5 acceleration judgement timer disabling flag for CC up slope	1x1
DR6 acceleration judgement timer disabling flag for CC up slope	1x1
DR7 acceleration judgement timer disabling flag for CC up slope	1x1
Curve for target acceleration standerd value for ECON (during accel)	1x1
Added value1 in each 100ms to desired vehicle speed for ECON (ECON sw ON)	1x1
Selected control to change desired vehicle speed for ECON in stages	1x1
RP (hysteresis Lo) value for ECON	1x1
Output select flag for DR1 judgement at CC down slp for ECON	1x1
Output select flag for DR2 judgement at CC down slp for ECON	1x1
Output select flag for DR3 judgement at CC down slp for ECON	1x1
Array for Gear Map Number for Cruise Control	4x1
Status to cancel the operation which is assigned to each bit	1x1
Meter revision select value for Memory speed	1x1
selected value by LSB of Meter revisions	1x1
Meter Revision select value	1x1
Engine speed limit control select value	1x1
Enable resume off control	1x1
Switch to enable PD control	1x1
Flag for indicating the upper limit canc. in ACC1 lower gear	1x1
Flag for indicating the upper limit canc. in ACC2 lower gear	1x1
Flag for indicating the upper limit canc. in ACC top gear	1x1
Flag for indicating the upper limit canc. in CC1 lower gear	1x1
Flag for indicating the upper limit canc. in CC2 lower gear	1x1
Flag for indicating the upper limit canc. in CC top gear	1x1
Status of Upper Gear	1x1
Status value for vehicle speed selection	1x1
Switch to select target acceleration value for ACC	1x1
Switch to enable cruise control Down Request number for AT	1x1
Switch for ISS selection in cruise control	1x1
Enable switch to correct set speed for cruise control	1x1
Time of ACCA communication preliminary error check value	1x1
Time of ACCB communication preliminary error check value	1x1
Resume to ACC Change Gear for setpoint speed change check time	1x1
Time of ACC Fail detection check value	1x1
time to ACC information check	1x1
Time of ACC Mode detection check value	1x1
Judgement time for DR1 acceleration at CC upslope DR1 acceleration judgement time for CC up slope	1x1
Judgement time for DR2 acceleration at CC upslope/DR2 acceleration judgement time for CC up slope	1x1
Judgement time for DR3 acceleration at CC upslope/DR2 acceleration judgement time for CC up slope	1x1
Judgement time for DR4 acceleration at CC up slope DR4 acceleration judgement time for CC up slope	1x1
Judgement time for DR5 acceleration at CC up slope DR5 acceleration judgement time for CC up slope	1x1
Judgement time for DR6 acceleration at CC up slope DR6 acceleration judgement time for CC up slope	1x1
Judgement time for DR7 acceleration at CC up slope DR7 acceleration judgement time for CC up slope	1x1
time to Reset check for ACC	1x1
time to auto brake condition hold check	1x1
CC1 lower gear max. opening stick time	1x1
CC2 lower gear max. opening stick time	1x1
CC3 lower gear max. opening stick time	1x1
CC4 lower gear max. opening stick time	1x1
CC5 lower gear max. opening stick time	1x1
CC6 lower gear max. opening stick time	1x1
CC max. opening stick time	1x1
CC top gear max. opening stick time	1x1
time to Clutch On NE F/B control change check	1x1
cruise control inhibit time	1x1
Time of Cruise control error continuous check value	1x1
Time for retaining DR1 cancellation at CC up slope(also DR1 cancel hold time for CC up-slope	1x1
DR1 cancellation judgement time at CC down slope	1x1
DR1 cancel judgement time for CC up slope	1x1
Time for retaining DR2 cancellation at CC up slope(also DR cancel hold time for CC up-slope)	1x1
DR2 cancellation judgement time at CC down slope	1x1
DR2 cancel judgement time for CC up slope	1x1
Time for retaining DR3 cancellation at CC up slope(also DR3 cancel hold time for CC up-slope)	1x1
DR3 cancellation judgement time at CC down slope	1x1
DR3 cancel judgement time for CC up slope	1x1
Time for retaining DR4 cancellation at CC up slope(also DR4 cancel hold time for CC up-slope)	1x1
DR4 cancellation judgement time at CC down slope	1x1
DR4 cancel judgement time for CC up slope	1x1
Time for retaining DR5 cancellation at CC up slope(also DR5 cancel hold time for CC up-slope)	1x1
DR5 cancellation judgement time at CC down slope	1x1
DR5 cancel judgement time for CC up slope	1x1
Time for retaining DR6 cancellation at CC up slope(also DR6 cancel hold time for CC up-slope)	1x1
DR6 cancellation judgement time at CC down slope	1x1
DR6 cancel judgement time for CC up slope	1x1
Time for retaining DR7 cancellation at CC up slope(also DR7 cancel hold time for CC up-slope)	1x1
DR7 cancellation judgement time at CC down slope	1x1
DR7 cancel judgement time for CC up slope	1x1
Down-slope prosma disable request flag at CC_DR cancellation	1x1
CC_DR mask time B	1x1
CC_DR mask time C	1x1

CC_DR mask time D	1x1
CC_DR mask time E	1x1
CC_DR mask time F	1x1
DR disable timer at start of CC Control	1x1
Deviation in accel data for DR1 judgement at CC up slope for ECON	1x1
Accel differential coeffecient data for DR1 judgement at CC_RESUME for ECON	1x1
Accel differential coeffecient data for DR1 judgement at ACC_RESUME	1x1
Accel differential coeffecient data for DR1 judgement at ACC_RESUME for ECON	1x1
Mask timer for changing APP limitation number for ECON to 3 from 2 (for Acceleration)	1x1
Mask timer for changing APP limitation number for ECON to 4 from 3 (for Acceleration)	1x1
Mask timer for changing APP limitation number for ECON to 5 from 4 (for Acceleration)	1x1
Mask timer for changing APP limitation number for ECON to 1 from 2	1x1
Mask timer for changing APP limitation number for ECON to 2 from 3	1x1
Mask timer for changing APP limitation number for ECON to 3 from 4	1x1
Mask timer for changing APP limitation number for ECON to 4 from 5	1x1
Deviation speed for selecting variation of desired vehicle speed for ECON (Continuous TAPUP, Enable hysteresis, ECON sw OFF)	1x1
Mask timer for changing APP limitation number for ECON to 2 from 1 (for Acceleration)	1x1
Estimation Slope calculation stop check time	1x1
time to extend Cruise Control check	1x1
Filter Vehicle speed variant check time	1x1
Time of guide display check value	1x1
CrCtl_tiIdasbErr_C	1x1
CrCtl_tiIdasbErr_C	1x1
CrCtl_tiIdasbFailReq_C	1x1
CrCtl_tiIdasbFailReq_C	1x1
time to Memory Speed error check	1x1
Meter speed variant check time	1x1
Mask time for DR2 judgement at CC down slope	1x1
Mask time for DR2 judgement at CC upslope	1x1
Mask time for DR3 judgement at CC down slope	1x1
Mask time for DR3 judgement at CC upslope	1x1
Mask time for DR4 judgement at CC down slope	1x1
Mask time for DR4 judgement at CC upslope	1x1
Mask time for DR5 judgement at CC down slope	1x1
Mask time for DR5 judgement at CC upslope	1x1
Mask time for DR6 judgement at CC down slope	1x1
Mask time for DR6 judgement at CC upslope	1x1
Mask time for DR7 judgement at CC down slope	1x1
Mask time for DR7 judgement at CC upslope	1x1
RePermit set check time	1x1
DR2/DR1 speed cancel time for CC down slope	1x1
DR3/DR2 speed cancel mask time for CC down slope	1x1
DR4DR3 speed cancel time for CC down slope	1x1
DR5DR4 speed cancel time for CC down slope	1x1
DR6DR5 speed cancel time for CC down slope	1x1
DR7DR6 speed cancel time for CC down slope	1x1
Time for disabling the increase in torque during acc.ped opening requested after CC_DR judgement.	1x1
vehicle speed error check start time	1x1
Time to wait DR1 request after DR0 request	1x1
Time to wait DR0 request after DR1 request	1x1
Time to wait DR2 request after DR1 request	1x1
Time to wait DR0 request after DR1 request	1x1
Time to wait DR2 request after DR1 request	1x1
Time to wait DR1 request after DR2 request	1x1
Time to wait DR3 request after DR2 request	1x1
Time to wait DR2 request after DR3 request	1x1
Time to wait DR2 request after DR3 request	1x1
Time to wait DR3 request after DR4 request	1x1
Time to wait DR5 request after DR4 request	1x1
Time to wait DR4 request after DR5 request	1x1
Time to wait DR6 request after DR5 request	1x1
Time to wait DR5 request after DR6 request	1x1
Time to wait DR7 request after DR6 request	1x1
acceleration/deceleration error check value for ACC	1x1
After tap speed for ACC in kmph for japan	1x1
After tap speed for ACC in kmph for USA	1x1
value of memory speed of finished Tap Up/Down for ACC(km/h)	1x1
After tap speed for ACC in kmph for EU	1x1
value of memory speed of finished Tap Up/Down for ACC(MPH)	1x1
Memory speed update value with Kmph for ACC US when continuous TapUp/Down	1x1
Memory speed update value with Kmph for ACC EU when continuous TapUp/Down	1x1
Memory speed update value with MPH for ACC US when continuous TapUp/Down	1x1
Memory speed update value with MPH for ACC EU when continuous TapUp/Down	1x1
During ACC follow-up control,deviation in accel data for DR1 judgement for ECON	1x1
During ACC follow-up control,deviation in accel data for DR2 judgement for ECON	1x1
During ACC follow-up control,deviation in accel data for DR3 judgement for ECON	1x1
During ACC follow-up control,deviation in accel data for DR4 judgement for ECON	1x1
During ACC follow-up control,deviation in accel data for DR5 judgement for ECON	1x1
During ACC follow-up control,deviation in accel data for DR6 judgement for ECON	1x1
During ACC follow-up control,deviation in accel data for DR7 judgement for ECON	1x1
Output select flag for DR3 judgement at CC down slp for ECON	1x1
Deviation speed for changing APP limitation number for ECON to 3 from 4 (for ECON sw OFF and during ACC)	1x1
Deviation speed for changing APP limitation number for ECON to 4 from 5 (for ECON sw OFF and during ACC)	1x1
Deviation speed for changing APP limitation number for ECON to 3 from 4 (for ECON sw OFF and during ACC)	1x1
Deviation speed for changing APP limitation number for ECON to 4 from 5 (for ECON sw OFF and during ACC)	1x1
Deviation speed for changing APP limitation number for ECON to 1 from 2 (for ECON sw ON and during ACC)	1x1
Accel differential coeffecient for DR2 judgement at ACC_F/B	1x1
Accel differential coeffecient for DR2 judgement at ACC_F/B for ECON	1x1
Accel differential coeffecient for DR2 judgement at CC_ACCEL for ECON	1x1
During ACC follow-up control,deviation in accel data for DR3 judgement for ECON	1x1
Deviation speed for changing APP limitation number for ECON to 2 from 3 (for ECON sw ON and during ACC)	1x1
Deviation speed for changing APP limitation number for ECON to 3 from 4 (for ECON sw ON and during ACC)	1x1
Deviation speed for changing APP limitation number for ECON to 4 from 5 (for ECON sw ON and during ACC)	1x1
Acceleration factor for changing APP limitation number for ECON to 2 from 1 (for Resume and ECON sw OFF)	1x1
Deviation in accel data for DR3 judgement at CC up slope for ECON	1x1
Accel differential coeffecient data for DR3 judgement at CC_RESUME for ECON	1x1
Accel differential coeffecient data for DR3 judgement at ACC_RESUME	1x1
Accel differential coeffecient data for DR3 judgement at ACC_RESUME for ECON	1x1
Curve for target acceleration standerd value for ECON	6x1
Lower limit of the ACC memeory speed forJapan	1x1
Lower limit of the ACC memory speed for the US(MPH)	1x1
Memory speed Low Limit value(MPH) for ACC	1x1
Lower limit of ACC memory speed for US(Kmh)	1x1

Memory speed Low Limit value for ACC	1x1
Lower limit of ACC memory speed for Japan(Kmh)	1x1
Upper limit of ACC memory speed for US (MPH)	1x1
Memory speed Upper Limit value(MPH) for ACC	1x1
Lower limit of ACC memory speed for US(Kmh)	1x1
Memory speed Upper Limit value for ACC	1x1
acceleration/deceleration error check value for CC	1x1
Acc. Data for DR1 Judgement at CC down slope during coast	6x1
Acc. Data for DR1 Judgement at CC down slope	6x1
Acc. Data for DR2 Judgement at CC down slope during coast	6x1
Acc. Data for DR2 Judgement at CC down slope	6x1
Acc. Data for DR3 Judgement at CC down slope during coast	6x1
Acc. Data for DR3 Judgement at CC down slope	6x1
Accel. Data for DR4 Judgement at CC down slope during coast	6x1
Accel. Data for DR4 Judgement at CC down slope	6x1
Accel. Data for DR5 Judgement at CC down slope during coast	6x1
Accel. Data for DR5 Judgement at CC down slope	6x1
Accel. Data for DR6 Judgement at CC down slope during coast	6x1
Accel. Data for DR6 Judgement at CC down slope	6x1
Accel. Data for DR7 Judgement at CC down slope during coast	6x1
Accel. Data for DR7 Judgement at CC down slope	6x1
Accel. Data for DR7 Judgement at CC down slope during coast	6x1
Accel. Data for DR7 Judgement at CC down slope	6x1
During ACC followup control,deviation in accel data for DR1 judgement of up slope	1x1
During ACC follow-up control,deviation in accel data for DR1 judgement	1x1
DR1 cancel judgement for CC up slope	1x1
Deviation in accel data for DR1 judgement at CC up slope	1x1
During ACC followup control,deviation in accel data for DR2 judgement of up slope	1x1
During ACC follow-up control,deviation in accel data for DR2 judgement	1x1
DR2 cancel judgement for CC up slope	1x1
Deviation in accel data for DR2 judgement at CC up slope	1x1
During ACC followup control,deviation in accel data for DR3 cancel judgement of up slope	1x1
During ACC follow-up control,deviation in accel data for DR3 judgement up slope	1x1
DR3 cancel judgement for CC up slope	1x1
Deviation in accel data for DR3 judgement at CC up slope	1x1
During ACC follow-up control,deviation in accel data for DR4 judgement of up slope	1x1
During ACC follow-up control,deviation in accel data for DR4 judgement	1x1
DR4 cancel judgement for CC up slope	1x1
Deviation in accel data for DR4 judgement at CC up slope	1x1
During ACC follow-up control,deviation in accel data for DR5 judgement of up slope	1x1
During ACC follow-up control,deviation in accel data for DR5 judgement	1x1
DR5 cancel judgement for CC up slope	1x1
Deviation in accel data for DR5 judgement at CC up slope	1x1
During ACC follow-up control,deviation in accel data for DR6 judgement of up slope	1x1
During ACC follow-up control,deviation in accel data for DR6 judgement	1x1
DR6 cancel judgement for CC up slope	1x1
Deviation in accel data for DR6 judgement at CC up slope	1x1
During ACC follow-up control,deviation in accel data for DR7 judgement of up slope	1x1
During ACC follow-up control,deviation in accel data for DR7 judgement	1x1
DR7 cancel judgement for CC up slope	1x1
Deviation in accel data for DR6 judgement at CC up slope	1x1
acceleration value of stop the slope caluclation	1x1
Limit value for filtered acceleration value for cruise control	1x1
Curve for ACC RP hysteresis Lo(Not Top Gear)(Km/h spec)	6x1
Curve for ACC RP hysteresis Lo(Not Top Gear)	6x1
Curve for ACC RP hysteresis Lo(Top Gear)(Km/h spec)	6x1
Curve for ACC RP hysteresis Lo(Top Gear)	6x1
Reset Check vehicle speed variant value for ACC	1x1
Reset Check vehicle speed variant value for ACC	1x1
Lower limit for the continous speed for Japan	1x1
Lower limit for the continous speed for US(MPH)	1x1
Low limit speed value(MPH) for ACC	1x1
Lower limit for the continous speed for Japan(Kmh)	1x1
Low limit speed value for ACC	1x1
ACC Tap speed for Japan	1x1
ACC Tap speed for US(Kmh)	1x1
value of Tap Up/Down for memory speed(km/h) for ACC(km/h)	1x1
ACC Tap speed for (Kmh)	1x1
value of Tap Up/Down for memory speed(km/h) for ACC(MPH)	1x1
Higher limit of the ACC Upper speed hysterysis for Japan	1x1
Higher limit of the ACC Upper speed hysterysis for US(MPH)	1x1
High limit hysteresis of ACC Upper speed value(MPH)	1x1
Higher limit of the ACC Upper speed hysterysis for US(Kmh)	1x1
High limit hysteresis of ACC Upper speed value	1x1
Lower limit of the ACC Upper speed hysterysis for Japan	1x1
Higher limit of the ACC Upper speed hysterysis for US(MPH)	1x1
Low limit hysteresis of ACC Upper speed value(MPH)	1x1
Higher limit of the ACC Upper speed hysterysis for US(Kmh)	1x1
Low limit hysteresis of ACC Upper speed value	1x1
After tap memory speed in Knh for EU	1x1
Memory speed update value with Kmph for CC Japan when continuous TapUpDown	1x1
Memory speed update value with Kmph for CC US when continuous TapUp/Down	1x1
Memory speed update value with Kmph for CC EU when continuous TapUp/Down	1x1
Memory speed update value with Kmph for CC US when continuous TapUp/Down	1x1
Memory speed update value with Kmph for CC EU when continuous TapUp/Down	1x1
Memory speed update value with MPH for CC US when continuous TapUp/Down	1x1
Memory speed update value with MPH for CC EU when continuous TapUp/Down	1x1
Deviation speed for selecting variation of desired vehicle speed for ECON (Continuous TAPUP, Disable hysteresis, ECON sw ON)	12x1
Offset value of 2nd desired vehicle speed (ECON sw OFF)	12x1
Deviation speed for selecting variation of desired vehicle speed for ECON (Continuous TAPUP, Enable hysteresis, ECON sw ON)	12x1
Deviation speed for selecting variation of desired vehicle speed for ECON (Continuous TAPUP, Disable hysteresis, ECON sw OFF)	12x1
Added value2 in each 100ms to desired vehicle speed for ECON (ECON sw OFF, Continuous TAPUP)	9x12
Added value1 in each 100ms to desired vehicle speed for ECON (ECON sw ON, Continuous TAPUP)	9x1
Added value2 in each 100ms to desired vehicle speed for ECON (ECON sw ON, Continuous TAPUP)	9x12
Selected easily condition to change desired vehicle speed for ECON	9x1
Offset value of 2nd desired vehicle speed (ECON sw ON)	9x12
Added value1 in each 100ms to desired vehicle speed for ECON (ECON sw OFF)	9x12
setpoint speed add value for Cruise Control Clutch On Start	1x1
Curve for CC/ACC DL hysteresis Hi(Not Top Gear)(Km/h spec)	6x1
Curve for CC/ACC DL hysteresis Hi(Not Top Gear)	6x1
Curve for CC/ACC DL hysteresis Hi(Top Gear)(Km/h spec)	6x1
Curve for CC/ACC DL hysteresis Hi(Top Gear)(Km/h spec)	6x1
Curve for CC/ACC DL hysteresis Lo(Not Top Gear)(Km/h spec)	6x1

Curve for CC/ACC DL hysteresis Lo(Not Top Gear)	6x1
Curve for CC/ACC DL hysteresis Lo(Top Gear)(Km/h spec)	6x1
Curve for CC/ACC DL hysteresis Lo(Top Gear)	6x1
Data on speed deviation for DR1 judgement at CC down slp	1x1
Lo hysterisis for DR1 upper speed limit at ACC down slope	1x1
Hi Hys for D1 upper speed limit of CC at up slope	1x1
Lo Hysteresis of DR1 upper limit of vehicle speed for ACC down slope	1x1
Lo Hysteresis for DR1 upper speed limit at CC up slope	1x1
Data on speed deviation for DR2 judgement at CC down slp	1x1
Hi Hysterisis for DR2 upper speed limit at ACC down slope	1x1
Hi Hysteresis of DR2 upper limit of vehicle speed for CC down slope	1x1
Hi Hys for D2 upper speed limit of CC at up slope	1x1
Lo Hysteresis of DR2 upper limit of vehicle speed for ACC down slope	1x1
Lo Hysteresis for DR2 upper speed limit at CC down slope	1x1
Lo Hysteresis for DR2 upper speed limit at CC up slope	1x1
Data on speed deviation for DR3 judgement at CC down slp	1x1
Hi Hysterisis for DR3 upper speed limit at ACC down slope	1x1
Hi Hysteresis of DR3 upper limit of vehicle speed for CC down slope	1x1
Hi Hys for D3 upper speed limit of CC at up slope	1x1
Lo Hysteresis of DR3 upper limit of vehicle speed for ACC down slope	1x1
Lo Hysteresis for DR3 upper speed limit at CC down slope	1x1
Lo Hysteresis of DR3 upper limit of vehicle speed for ACC down slope	1x1
Lo Hysteresis for DR3 upper speed limit at CC down slope	1x1
Lo Hysteresis for DR3 upper speed limit at CC up slope	1x1
Data on speed deviation for DR4 judgement at CC down slope	1x1
Lo hysterisis for DR4 upper speed limit at ACC down slope	1x1
Hi Hysteresis of DR4 upper limit of vehicle speed for CC down slope	1x1
Hi Hys for D4 upper speed limit of CC at up slope	1x1
Lo Hysteresis of DR4 upper limit of vehicle speed for ACC down slope	1x1
Lo Hysteresis for DR4 upper speed limit at CC down slope	1x1
Lo Hysteresis for DR4 upper speed limit at CC up slope	1x1
Data on speed deviation for DR5 judgement at CC down slope	1x1
Hi hysterisis for DR5 upper speed limit at ACC down slope	1x1
Hi Hysteresis of DR5 upper limit of vehicle speed for CC down slope	1x1
Hi Hys for DR5 upper speed limit of CC at up slope	1x1
Lo Hysteresis of DR5 upper limit of vehicle speed for ACC down slope	1x1
Lo Hysteresis for DR5 upper speed limit at CC down slope	1x1
Lo Hysteresis for DR5 upper speed limit at CC up slope	1x1
Data on speed deviation for DR6 judgement at CC down slope	1x1
Lo hysterisis for DR6 upper speed limit at ACC down slope	1x1
Hi Hysteresis of DR6 upper limit of vehicle speed for CC down slope	1x1
Hi Hys for DR6 upper speed limit of CC at up slope	1x1
Lo Hysteresis of DR6 upper limit of vehicle speed for ACC down slope	1x1
Lo Hysteresis for DR6 upper speed limit at CC down slope	1x1
Lo Hysteresis for DR6 upper speed limit at CC up slope	1x1
Data on speed deviation for DR7 judgement at CC down slope	1x1
Lo hysterisis for DR7 upper speed limit at ACC down slope	1x1
Hi Hysteresis of DR7 upper limit of vehicle speed for CC down slope	1x1
Hi Hys for DR7 upper speed limit of CC at up slope	1x1
Lo Hysteresis of DR7 upper limit of vehicle speed for ACC down slope	1x1
Lo Hysteresis for DR7 upper speed limit at CC down slope	1x1
Lo Hysteresis for DR7 upper speed limit at CC up slope	1x1
Correct value of initial request APP for ECON	6x1
Data on speed deviation for DR1 judgement at CC down slp for ECON	1x1
Data on speed deviation for DR2 judgement at CC down slp for ECON	1x1
Data on speed deviation for DR3 judgement at CC down slp for ECON	1x1
Data on speed deviation for DR4 judgement at CC down slp for ECON	1x1
Data on speed deviation for DR5 judgement at CC down slp for ECON	1x1
Data on speed deviation for DR6 judgement at CC down slp for ECON	1x1
Data on speed deviation for DR7 judgement at CC down slp for ECON	1x1
Deviation in accel data for DR1 judgement at CC up slope for ECON	1x1
Deviation in accel data for DR2 judgement at CC up slope for ECON	1x1
Deviation in accel data for DR3 judgement at CC up slope for ECON	1x1
Deviation in accel data for DR4 judgement at CC up slope for ECON	1x1
Deviation in accel data for DR5 judgement at CC up slope for ECON	1x1
Deviation in accel data for DR6 judgement at CC up slope for ECON	1x1
Deviation in accel data for DR7 judgement at CC up slope for ECON	1x1
Added value2 in each 100ms to desired vehicle speed for ECON (ECON sw OFF)	9x12
Added value1 in each 100ms to desired vehicle speed for ECON (ECON sw ON)	9x1
Accel differential coeffecient for DR3 judgement at ACC_F/B	1x1
Accel differential coeffecient for DR3 judgement at ACC_F/B for ECON	1x1
Accel differential coeffecient for DR3 judgement at CC_ACCEL for ECON	1x1
Data on speed deviation for DR1 judgement at CC down slp for ECON	1x1
Accel differential coeffecient for DR1 judgement at ACC_F/B	1x1
Accel differential coeffecient for DR1 judgement at ACC_F/B for ECON	1x1
Accel differential coeffecient for DR1 judgement at CC_ACCEL for ECON	1x1
During ACC follow-up control,deviation in accel data for DR2 judgement for ECON	1x1
Added value2 in each 100ms to desired vehicle speed for ECON (ECON sw ON)	9x12
Added value1 in each 100ms to desired vehicle speed for ECON (ECON sw OFF, Continuous TAPUP)	9x1
Data on speed deviation for DR2 judgement at CC down slp for ECON	1x1
Data on speed deviation for DR3 judgement at CC down slp for ECON	1x1
Output select flag for DR1 judgement at CC down slp for ECON	1x1
Output select flag for DR2 judgement at CC down slp for ECON	1x1
Deviation in accel data for DR2 judgement at CC up slope for ECON	1x1
Accel differential coeffecient data for DR2 judgement at CC_RESUME for ECON	1x1
Accel differential coeffecient data for DR2 judgement at ACC_RESUME	1x1
Accel differential coeffecient data for DR2 judgement at ACC_RESUME for ECON	1x1
ACC RP (hysteresis Lo) value for ECON	6x1
Curve for target acceleration standerd value for ECON (km/h spec)	6x1
Curve for target acceleration standerd value for ECON (during accel)	6x1
Calibration parameter for threshold velocity for calculation of estimated slope for LSF	1x1
Meter Speed variant check value	1x1
Gear Down 1 Upper Limit Speed value	1x1
Gear Down 1 Up request clear Speed value	1x1
Gear Down 1 Up request Speed value	1x1
Gear Down 2 Upper Limit Speed value	1x1
Gear Down 2 Up request clear Speed value	1x1
Gear Down 2 Up request Speed value	1x1
Gear Down 3 Upper Limit Speed value	1x1
Gear Down 3 Up request clear Speed value	1x1
Gear Down 3 Up request Speed value	1x1

Gear Down 4 Upper Limit Speed value	1x1
Gear Down 4 Up request clear Speed value	1x1
Gear Down 4 Up request Speed value	1x1
initial off vehicle speed variant value	1x1
Calibration parameter for minimum velocity for LSF	1x1
Correct value of memory speed for cruise control (km/h)	1x1
Correct value of memory speed for cruise control (MPH)	1x1
Lower limit of CC memory speed for Japan	1x1
Lower limit of memory speed for US Kmph	1x1
Lower limit of memory speed for EU Kmph	1x1
Lower limit of memory speed for US MPH	1x1
Lower limit of memory speed for EU MPH	1x1
Upper limit of CC memory speed for Japan	1x1
Upper limit of memory speed for US Kmph	1x1
Upper limit of memory speed for EU Kmph	1x1
Upper limit of memory speed for US MPH	1x1
Upper limit of memory speed for EU MPH	1x1
Memory speed of variation data	1x1
Meter revision check variant value	1x1
Meter Speed variant check value	1x1
Corrected deviation speed to check the end of resume off control	1x1
Curve for CC/ACC RP hysteresis Hi(Not Top Gear)(Km/h spec)	6x1
Curve for CC/ACC RP hysteresis Hi(Not Top Gear)	6x1
Curve for CC/ACC RP hysteresis Hi(Top Gear)(Km/h spec)	6x1
Curve for CC/ACC RP hysteresis Hi(Top Gear)	6x1
Curve for CC RP hysteresis Lo(Not Top Gear)(Km/h spec)	6x1
Curve for CC RP hysteresis Lo(Not Top Gear)	6x1
Curve for CC RP hysteresis Lo(Top Gear)(Km/h spec)	6x1
Curve for CC RP hysteresis Lo(Top Gear)	6x1
Lower limit for the continous speed for EU	1x1
Lower limit of control speed with Kmph for US	1x1
Lower limit of control speed for EU Kmph	1x1
Lower limit of control speed with MPH for US	1x1
Lower limit of control speed for EU MPH	1x1
Speed variation for judging DR1 cancellation at CC down slope	1x1
Speed variation for judging DR2 cancellation at CC down slope	1x1
Speed variation for judging DR3 cancellation at CC down slope	1x1
Speed variation for judging DR4 cancellation at CC down slope	1x1
Speed variation for judging DR5 cancellation at CC down slope	1x1
Speed variation for judging DR6 cancellation at CC down slope	1x1
Speed variation for judging DR7 cancellation at CC down slope	1x1
Curve for ACC RP hysteresis Lo(Not Top Gear) for sport mode	6x1
Curve for ACC RP hysteresis Lo(Top Gear) for sport mode	6x1
Curve for CCACC DL hysteresis Hi(Not Top Gear) for sport mode	6x1
Curve for CCACC DL hysteresis Hi(Top Gear) for sport mode	6x1
Curve for CCACC DL hysteresis Lo(Not Top Gear) for sport mode	6x1
Curve for CCACC DL hysteresis Lo(Top Gear) for sport mode	6x1
Curve for CC RP hysteresis Hi(Not Top Gear) for sport mode	6x1
Curve for CC RP hysteresis Hi(Top Gear) for sport mode	6x1
Curve for CC RP hysteresis Lo(Not Top Gear) for sport mode	6x1
Curve for CC RP hysteresis Lo(Top Gear) for sport mode	6x1
Curve for CC RP hysteresis Lo(Not Top Gear) for sport mode	6x1
Curve for CC RP hysteresis Lo(Top Gear) for sport mode	6x1
Curve for Sub Area check speed (Hi) value	6x1
Curve for Sub Area check speed (Lo) value	6x1
Memory speed update value of CC TapUp/Down for Japan	1x1
Memory speed update value of CC TapUp/Down for US Kmph	1x1
Memory speed update value of CC TapUp/Down for EU Kmph	1x1
Memory speed update value of CC TapUp/Down for US MPH	1x1
Memory speed update value of CC TapUp/Down for EU MPH	1x1
delta velocity to reset CrCtl- fuel cutoff prohibition	1x1
delta velocity to set CrCtl- fuel cutoff prohibition	1x1
Vehicle speed threshold for detecting the plausibility error in vehicle speed for Cruise Control	1x1
Top Gear Upper Limit Speed value	1x1
Target acceleration Accel additional value	1x1
Curve for target acceleration standerd value(km/h spec)	6x1
Curve for target acceleration standerd value	6x1
Curve for target acceleration standard value for LSF	12x1
Control deviation in target vehicle speed for judging the set CC_DR mask timer	1x1
Parameter to set the upper limit of the speed which CC and ASL.	1x1
Counter value for ACC/ASL switch error detection	1x1
Counter value for ACC/ASL switch check	1x1
Counter value for FWD position check for AT vehicle	1x1
counter value for CANCEL SW	1x1
counter value for CAN Rx Error	1x1
Counter value for Cruise control switch error detection	1x1
Counter value for EAT2 frame Rx Error	1x1
counter value for the Cruise Control SW	1x1
factor of Filtered Ne value for Cruise Control	1x1
Curve for ACC auto brake cancel Low limit Ne value	6x1
Curve for Cruise Control cancel Low limit Ne value	6x1
Cruise Control cancel Upper limit Ne value	1x1
Curve for Shift down request Ne Check value	6x1
Cruise control/ASL force select of number	1x1
Target gear number for cheking gear information	12x1
Calibration parameter for LSF mode selection for ACC	1x1
TSR error judgement value	1x1
Calculate vehicle speed from the received TSR signature info	128x1
Gear Down Check value 0	1x1
Gear Down Check value 1	1x1
Gear Down Check value 2	1x1
Gear Down Check value 3	1x1
Gear Down Check value 4	1x1
Gear Down Check value 5	1x1
ratio n/v for Gear Down 0 check value	1x1
ratio n/v for Gear Down 1 check value	1x1
ratio n/v for Gear Down 2 check value	1x1
ratio n/v for Gear Down 3 check value	1x1
ratio n/v for Gear Down 4 check value	1x1
ratio n/v for Gear Down 5 check value	1x1
Accel Vehicle speed display selected	1x1

Coast Vehicle speed display selected	1x1
Enable switch for continuing speed limit control at the transition from ASL to ISA via LIM SW 1: Control continuation 0: Control cancellation	1x1
Clutch continuation data	1x1
Clutch on Ne Check select value	1x1
Added value2 in each 100ms to desired vehicle speed for ECON (ECON sw OFF)	1x1
Information of CC/ACC/ASL function	1x1
Information of CC/ACC/ASL function	1x1
Information of CC/ACC/ASL function	1x1
Gear Down Number for LSF control	1x1
Gear Down Number for cruise control	12x1
Calculate ISA control continuation judgment value when TSR is cleared	8x1
Enable switch for transition from ISA to ASL via RES (+)SET (-) during ISA.	1x1
Enable switch for transition from ISA to ASL via RES (+)SET (-) during ISA.	1x1
Status for display control vehicle speed in meter panel	1x1
Calibration to select Unit Switching Menu	1x1
Disable flag for checking shift position	1x1
Simultaneous On Check value for RESUME SW	1x1
Simultaneous On Check value for SET SW	1x1
Vehicle speed unit for CC/ASL when meter does not send vehicle speed unit information	1x1
Software switch for FWD position check counter set for AT vehicle	1x1
Software switch for Cruise control switch type select	1x1
Speed meter type	1x1
Switch that selects vehicle speed unit forcibly	1x1
ACC Accel Vehicle speed display time	1x1
ACC Clutch SW Cancel check time	1x1
ACC Coast Vehicle speed display time	1x1
ACC Accel Vehicle speed display not update request time	1x1
ACC Coast Vehicle speed display not update request time	1x1
ACC Accel check time for RESUME SW	1x1
ACC Coast check time for SET SW	1x1
Time for Auto Brake Active Check.	1x1
AYC condition check time	1x1
Timer of filter for meter customize information	1x1
Time of initial setup for CC/ASL vehicle speed unit	1x1
Time of Cruise control error continuous check value	1x1
Time of CC/ASL select information check value	1x1
FWD position judgment timer in CC_AT vehicles	1x1
Gear off check time	1x1
Time for upper threshold for LSF stop judgement hysterisis	1x1
Time for lower threshold for LSF stop judgement hysterisis	1x1
Timer of filter for meter customize information	1x1
Time of updated vehicle speed during Res SW is on	1x1
Time of updated vehicle speed during Set SW is on	1x1
Shift Down 5 Detect check time	1x1
Shift Down Detect check time	1x1
Shift Down Rlease check time	1x1
Brake Main SW check time	1x1
Brake Redundant SW check time	1x1
Clutch SW check time	1x1
Inhibit time for switch information from CAN	1x1
Accel check time for RESUME SW	1x1
Inhibit time for switch information from CAN	1x1
Accel check time for RESUME SW	1x1
Coast check time for SET SW	1x1
Time for detecting camera temperature abnormality,dirty and breakdown	1x1
Upper threshold for vehicle velocity limit for LSF stop judgement	1x1
Lower threshold for vehicle velocity limit for LSF stop judgement	1x1
calibration for cruise control active status	1x1
Codeword for activation of CPV opening compensation with mass flow during CPV diagnosis	1x1
Codeword for activation of CPV opening compensation with mass flow during CPV diagnosis	1x1
Minimum change in the duty cycle that leads to an immediate adoption of the new duty cycle	1x1
Temperature decrement in respect to the temperature difference over the radiator.	15x1
temperature increment depending on inner torque thermostatdiagnosis DS	2x12
Correction factor on account of high vehicle speed	6x12
Correction factor on account of ambient temperature	8x1
Schwelle für Fahrpedalstellung für Idle Zähler.	1x1
Maximum Idle Verhältnis	1x1
bit mask for diagnosis abortion due to status detection of additional heater	1x1
Operating condition to consider the ambient temperature	1x1
parameter to activate the different abort conditions for the permanent 2-sensor thermostat-diagnosis	1x1
parameter to activate the different temporary abort conditions for the permanent 2-sensor thermostat-diagnosis	1x1
Schwelle für Erweiterter Powerpack Status für Idle Zähler	1x1
Bitleiste für Erweiterter Powerpack Status	1x1
Bitleiste für Erweiterter Powerpack Status	1x1
parameter to activate the different abort conditions of the 2-sensor warmup thermostat-diagnosis	1x1
Switch to select between modelled or measured coolant temperature	1x1
Hysteresis untere Schwelle für Kühlmitteltemperaturmodellwert	1x1
Hysteresis obere Schwelle für Kühlmitteltemperaturmodellwert	1x1
delta for temperature hysteresis; abort condition in CtT_Mon	1x1
Engine start temperature Maximum calibration	1x1
defaultvalue of EnvT_t during init	1x1
Filter constant for PT1 of the warm entry	1x1
Verzögerung des Kühlmitteltemperaturmodellwert	1x1
threshold for temporary abort condition of actual check of permanent thernostat diagnosis	1x1
threshold for time-based abort condition of warm-up thermostat diagnosis	1x1
delay-time for engine running	1x1
Time constant for vehicle speed filter	1x1
Offset for release temperature threshold OBD	1x1
OBD release temperature	1x1
curve for calculation of the temperature lift for the 2 sensor thermostat diagnosis; permanent diagnosis	2x1
Diagnosis threshold for thermostat rule temperature	1x1
Threshold below which the thermostat plausibility is aborted	1x1
curve for calculation of the temperature lift for the 2-sensor warm-up diagnosis	2x1
Untere Schwelle, Fzg. Geschwindigkeit.	1x1
number of pre-ignitions for event storage	1x1
code word for calibration of DMDADAP	1x1
Codeword for clear adaptation values in case of clear FSP	1x1
code word for function AEVABU	1x1
Code word for AFIM diagnosis	1x1
Code word for AFIMRAW diagnosis	1x1
Code word for EGR on/off	1x1

Codeword for activation of the demand control valve	1x1
Threshold for standardized accelerator pedal position.	1x1
codeword for exhaust gas temperature control	1x1
Codeword AWEA: Bit3 effect of wkrmav in HSP or HKS	1x1
Codeword Bit0 releases starter assisted direct starts	1x1
Codeword: request catalyst heating by cold engine	1x1
Codeword: request catalyst warming	1x1
coder word for switch on condition of boost control	1x1
Codeword offset adaptation e-wastegate	1x1
codeword BBSTT	1x1
Code word 1 for GDI	1x1
codeword BDEMEN	1x1
The second code word for the BDEMEN.	1x1
codeword GDI mode change	1x1
Codeword for function BDEMST	1x1
codeword for BDEMUM	1x1
codeword conditions of GDI mode change	1x1
code word for BGADAP	1x1
code word for BGFKMS	1x1
Code word BGFMSDHFS	1x1
Codeword for the function BGFPLLIM	1x1
Code word calibration modes	1x1
Code word BGHATLSTS	1x1
Code word BGKOLST	1x1
codeword for configuration of %BGKV	1x1
Code word for function BGLASO	1x1
Code word %BGLWM	1x1
Code word BGLWM 2	1x1
Code word for desired cam shaft position for slope correction for the adaption of intake manifold pressure to air pressure in the combustion chamber	1x1
code word for BGMSDK	1x1
code word for BGMSHMDK	1x1
code word for BGRL	1x1
Codeword for %BGRLDIRST	1x1
code word for BGRLFGZS	1x1
Codeword of function BGRLMXKV	1x1
Codeword %BGRLMXS	1x1
Code word configuration function BGRLP	1x1
Code word configuration function BGRLP	1x1
code word for %BGRLSOL	1x1
codeword for %BGTMPK	1x1
Code word BGWGVUMX	1x1
cw for configuration of %BGBH	1x1
code word for CAN configuration	1x1
code word for CAN configuration	1x1
Code word for DCFCEO	1x1
codeword for CPROXY	1x1
code word DMDMIL durability run counter	1x1
code word for output option of %DCCFLR	1x1
Codeword pressure lost detection function	1x1
Code word to configure diagnosis tank pressure sensor (1)	1x1
service test enabled	1x1
codeword ignition timing diagnosis during catalyst heating	1x1
codeword diagnostics for fluid level sensor tank	1x1
code word: kc-diagnosis signal evaluation	1x1
code word: kc-diagnosis signal evaluation	1x1
code word: kc additional measurment window	1x1
code word knock sensor diagnosis	1x1
Codeword of function DKVBDEPL	1x1
Configuration switch for enable condition DKVSDFRM Bit 0: gasoline in oil, Bit 1: ethanol	1x1
Codeword for DLLR configuration	1x1
Codeword for DLLR configuration	1x1
configuration code word for DMDADAP	1x1
code word for EOBD-application DMDMIL	1x1
Codeword for DFC_MDFC.	1x1
configuration code word for DMDFOF at end of line test	1x1
Codeword DMDMIL Configuration	1x1
Configuration of the alternate cylinder identification	1x1
Codeword for activation of alternate identification of misfireing cylinders	1x1
code word DMDZAG configuration	1x1
code word DMDZAG configuration	1x1
Code word for functionality DMDZMS	1x1
Code word for calibration of functionality DMDZMS	1x1
codeword for %DOTMCS	1x1
Codeword to disable high pressure sensor diagnosis	1x1
Codeword to disable high pressure sensor diagnosis	1x1
Codeword for high pressure sensor diagnosis	1x1
code word for diagnosis start with high pressure	1x1
Code word DSUVR to switch between pressure and HFM based diagnosis	1x1
Application code word for CPV-check with DMTL	1x1
Codeword reset counters DTEV	1x1
codeword for activating a desired tank leakage diagnosis (for calibration purpose)	1x1
code word for switch on tank leak diagnosis	1x1
code word enable simultaneous tank leak diagnosis	1x1
code word: calculation of request engine running	1x1
code word for DTESK tester communication	1x1
code word for features of %DTESKZA	1x1
codeword to request a desired torque for diagnosis CPV	1x1
Codeword to select between features	1x1
Codeword to enable central temperature coldstart diagnosis for different sensors	1x1
Codeword to enable central temperature coldstart diagnosis for different sensors	1x1
code word EONV diagnosis	1x1
configuration code word für DEONVIR	1x1
code word setting B_vbemg and B_wks	1x1
Code word transient compensation	1x1
codeword injection valve cutoff	1x1
codeword to enable the cylinder individual measure of injection time	1x1
codeword to enable the cylinder individual measure of injection time	1x1
Codeword fuel purge control	1x1
Codeword fuel purge control	1x1

Codeword priority FPC2CE	1x1
Codeword closed loop purge control for error suspicion	1x1
Codeword closed loop purge control for error suspicion	1x1
Codeword closed loop purge control for error suspicion	1x1
Codeword configuration massflow request from tank leakage diagnosis	1x1
Codeword configuration massflow request from tank leakage diagnosis	1x1
Codeword fuel purge control mode change	1x1
codeword physical urgency fuel purge control	1x1
codeword to activate high canister load	1x1
Codeword educator pump for fuel purge control available	1x1
codword: reset imsteini in case of tank ventilation in emergency	1x1
Codeword choice pressure ratio or absolute pressure	1x1
Codeword to select FRA initialization	1x1
codeword for configuration of relative opening CPV dependant of load of canister	1x1
codeword FUEDK	1x1
Codeword to enable factor camshaft angle from calibration value	1x1
codeword fuel level sensor	1x1
codeword fuel level sensor	1x1
code word GGHFM	1x1
code word for sensor variable for radiator outlet temperature	1x1
Codeword for diagnosis hdrkh during catalyst heating	1x1
codeword	1x1
Codeword for function HDRPSOL	1x1
Codeword function BBSTHDR	1x1
code word HFM cable harness connection	1x1
Codeword for deactivating the plausibility diagnosis of the AFS Sensor	1x1
code word HFM back flow detection	1x1
Codeword ignition control (IGC)	1x1
Codeword ignition control (IGC)	1x1
enable switch over from KAMFZ to KAMFZKH at catalyst heating	1x1
enable switch over from KAMFZ to KAMFZKH at catalyst heating	1x1
codeword for %KHANFMO	1x1
codeword for catalyst heating torque reserve	1x1
code word for configuration vehicle	1x1
codeword pre-ignition detection: calculation of knock detection charateristic	1x1
Code word to lock bad fuel detection in case of error	1x1
code word for KRDY	1x1
IKC: correction of low pass characteristic at switch of filter mean frequency (50%)	1x1
IKC: correction of low pass characteristic at switch of filter mean frequency (50%)	1x1
codeword knock control: calculation of knock detection charateristic	1x1
code word: knock detection is not disabled for guided cylinders	1x1
Codeword activate ignition angle+offset of guiding cylinder in steeps	1x1
code word for limp home in case of one knock sensors fails	1x1
code word for limp home in case of one knock sensors fails	1x1
Code word for offset of guided cylinders	1x1
code word: characteristic of rkr follow-up at speed dynamics	1x1
system constant knock control integration value	1x1
Code word for reset the counter for pre-ignition events	1x1
Codeword KRVEKO	1x1
codeword to enable Fuel_Enrichment without cam shaft intervention	1x1
Codewort nkock control: choice integration value für amplification control	1x1
codeword to enable Fuel_Enrichment without cam shaft intervention	1x1
Codewort nkock control: choice integration value für amplification control	1x1
Codeword first fueling	1x1
Codeword for function %LAKH	1x1
Codeword for function LAKH	1x1
code word: lambda component protection	1x1
code word 2: lambda component protection	1x1
Configuration of LAMFAW	1x1
Codeword Lambda Co-ordination	1x1
Codeword for options for calibration purposes in the function LAMKO	1x1
code word for lambda request for scavenging	1x1
Code word: Overrun air valve control	1x1
code word for torque reserve in idle-speed control	1x1
codeword for idle increase.	1x1
Codeword to activate writing over init adaption values from last driving cycle	1x1
Codeword to select between nmot and milsol_w limitation	1x1
code word for mixture adaptation	1x1
codewort configuration ORA enable conditions	1x1
codeword for fcmclr in LRA	1x1
codeword to configure the adaptation strategy in start-stop-systems	1x1
codeword to configure the adaptation strategy in start-stop-systems	1x1
codeword to configure the adaptation strategy in start-stop-systems	1x1
Disabling lambda controller at misfire	1x1
Disabling lambda controller at misfire	1x1
Code word enleanment protection	1x1
code word for operation modi of LRS	1x1
Code word to enable LRS	1x1
Code word to enable LRS, no. 2	1x1
Code word lambda control enabling for operating modes	1x1
Codeword for modification of lurs depending on LURKH	1x1
code word for calibration without torque structure	1x1
code word for calibration without torque structure	1x1
code word for calibration without torque structure	1x1
code word for calibration without torque structure	1x1
configuration (codeword) of MDRLMN	1x1
codeword MDRLMX	1x1
code word for switchover between miautget_w and miist	1x1
code word for switchover between miautget_w and miist	1x1
code word for selection of process to detect an opened drive train	1x1
Codeword for application interface of GDI mode	1x1
codeword MSUDKSOM	1x1
Codeword to choose ambient temperature for calculation of reference temperature in %DOTMCS	1x1
codeword to choose sensors for mean value calculation for central coldstart temperature diagnosis	1x1
codeword for application of limp-home operation mode	1x1
code word for limitation od engine speed	1x1
Codeword for configuration of NSAC	1x1
Codeword for idle-speed while catalyst-heating	1x1
Codeword for the Filtration of nstat	1x1
Codeword for the Filtration of nstat	1x1
Codeword for afterstart and warm-up dependent on GDI mode	1x1
Code word: resume speed at transmission-shift control	1x1

Codeword to enable calculation of interpolation factor based on actual and target camshaft position	1x1
codeword calculation/ consideration orap(2)_w	1x1
Codeword for configuration %BBORING	1x1
codeword for configuration of ORA stop prohibitions in case of strategy ""one ORA adaptation per DCY	1x1
Code word for Calculation of effective exhaust gas backpressure for charge models	1x1
Codeword for the modelling of the exhaust backpressure	1x1
Codeword for the modelling of the exhaust backpressure during valve lap	1x1
Code word for slope correction for the adaption of intake manifold pressure to air pressure in the combustion chamber in background calculation	1x1
Code word for configuration of the 1st flap	1x1
Codeword to activate calibration interface of rail pressure setpoint	1x1
Code word for canister ventilation valve (power stage)	1x1
codeword for configuration of calculation of manifold pressure	1x1
codeword for configuration of calculation of manifold pressure	1x1
code word for shutdown of output-stage diagnosis	1x1
Code word for blow-off -valve power stage	1x1
configuration (codeword) of %PVDREG	1x1
code word: reinitialize of rkr with REFINI at dynamics conditions	1x1
Additive error Codeword	1x1
Codeword moment and engine speed dependent rka_w calculation	1x1
codeword:nmot-dependent rka_w calculation	1x1
Codeword calculation rk mean value	1x1
Codeword RKSPLIT	1x1
codeword rlsol_w from Test-bench for Applikation	1x1
codeword rlsol_w from Test-bench for Applikation	1x1
codeword rlsol_w from Test-bench for Applikation	1x1
Codeword for calculation of the delta ignition angles	1x1
ode word for freezing of reference level in case of overlapped measurment windows	1x1
code word to enable fuel cut off - fuel restart	1x1
GSH codeword for fuel cut off	1x1
code word: characteristic of rskr follow-up at speed dynamics	1x1
Code word SpdGov	1x1
Codeword STATFUNC	1x1
code word for kind of enableing: 1-> B_st, 0 -> nmot	1x1
Codeword: release switch off engine in due of exhaust system	1x1
code word misfire disabeling criterion 1-> criterion active	1x1
code word misfire disabling criterion; 1-> criterion active	1x1
codeword misfire surpression criterion 1-> criterion active	1x1
codeword2 misfire surpression criterion 1 -> criterion active	1x1
Codewort CWTEATEV	1x1
code word for configuration of BGTECUOFFI (internal ECU-off-time)	1x1
Codeword: activation inhibit of fuel purge until mixture adaptation is stabilized (for end of line)	1x1
Codeword to switch between ambient air temperature , engine temperature or the model temperature for fuel as y- input for KFTEINI	1x1
Codeword depending on which Closed loop purge control is made dependant on B_lrs(2)	1x1
Codeword for resetting tengs	1x1
codeword tfuel for temperature model	1x1
codeword tfuel for temperature model	1x1
codeword tfuel temperature	1x1
codeword thdev from application parameter	1x1
Codeword for tip in function	1x1
code word for enabling distance debounce in DTESK (byte)	1x1
code word for specification of the OBD-diagnosis	1x1
codeword MSV temperature	1x1
codeword MSV temperature model	1x1
code word for configuration model oil temperature in sump	1x1
code word 2 for configuration model oil temperature in sump	1x1
Codeword choice duty cycle PCV from tester	1x1
Codeword engine mode independant enable conditions of ORA expected	1x1
code word for gear dependent prohibition condition to switch camshaft position to max. charge dynamic	1x1
code word: reinitialize of rkr_2_w with VEREFINI at dynamics conditions	1x1
Codeword VE	1x1
Code word for block knock control due to preignition	1x1
Codeword for the variable step width of advancing of the ignition angle	1x1
configuration feed forward control MSV	1x1
code word for warm-up control	1x1
code word for warm-up control	1x1
Code word configuration function BGWPR	1x1
configuration flag for functional selection of prevention functions at DMF distubances	1x1
codeword ignition off	1x1
Codeword ZWGRU	1x1
codeword for switchover of zwopt	1x1
Code word for auxiliary water pump	1x1
Code word for Fuel direct injection in monitoring function	1x1
Code word for Fuel direct injection in monitoring function	1x1
Code word for Fuel direct injection in monitoring function	1x1
Code word for Fuel direct injection in monitoring function	1x1
Code word for Fuel direct injection in monitoring function	1x1
Codeword Cylnder allocation between Bank 1 (0) and Bank (1) in MOF	1x1
threshold for request of a priority for catalyst heating	1x1
Number of synchros for dynamics delay	1x1
number of fuel cut-out phases to detect ISC-actuator error	1x1
Delta Intakemanifold pressure to ambient pressure during start	1x1
pressure difference for termination of vacuum built-up	1x1
pressure difference for further vacuum built up (0.5-mm-check)	1x1
lower threshold for difference pressure while compensation gradient generation	1x1
lower threshold for difference pressure while compensation gradient generation	1x1
pressure threshold for detection of refueling process	1x1
Calibration array to choose DDRCObsvr records	255x1
DDRCObsvr_Intl.DebStcLim0_CA	3x1
DDRCObsvr_Intl.DebStcLim1_CA	3x1
DDRCObsvr_Intl.DebStcLim2_CA	3x1
DDRCObsvr_Intl.DebStcLim3_CA	3x1
DDRCObsvr_Intl.DebStcLim4_CA	3x1
DDRCObsvr_Intl.DebStcLim5_CA	3x1
DDRCObsvr_Intl.DebStcLim6_CA	3x1
DDRCObsvr_Intl.DebStcLim7_CA	3x1
DDRCObsvr_Intl.DebStcLim8_CA	3x1
DDRCObsvr_Intl.DebStcLim9_CA	3x1
DDRCObsvr_Intl.DebStcLim10_CA	3x1
DDRCObsvr_Intl.DebStcLim11_CA	3x1

DDRCObsvr_Intl.DebStcLim12_CA	3x1
DDRCObsvr_Intl.DebStcLim13_CA	3x1
DDRCObsvr_Intl.DebStcLim14_CA	3x1
DDRCObsvr_Intl.DebStcLim15_CA	3x1
DDRCObsvr_Intl.DebStcLim16_CA	3x1
DDRCObsvr_Intl.DebStcLim17_CA	3x1
DDRCObsvr_Intl.DebStcLim18_CA	3x1
DDRCObsvr_Intl.DebStcLim19_CA	3x1
DDRCObsvr_Intl.DebStcLim20_CA	3x1
DDRCObsvr_Intl.DebStcLim21_CA	3x1
DDRCObsvr_Intl.DebStcLim22_CA	3x1
DDRCObsvr_Intl.DebStcLim23_CA	3x1
DDRCObsvr_Intl.DebStcLim24_CA	3x1
DDRCObsvr_Intl.DebStcLim25_CA	3x1
DDRCObsvr_Intl.DebStcLim26_CA	3x1
DDRCObsvr_Intl.DebStcLim27_CA	3x1
DDRCObsvr_Intl.DebStcLim28_CA	3x1
DDRCObsvr_Intl.DebStcLim29_CA	3x1
DDRCObsvr_Intl.DebStcLim30_CA	3x1
DDRCObsvr_Intl.DebStcLim31_CA	3x1
DDRCObsvr_Intl.DebStcLim32_CA	3x1
DDRCObsvr_Intl.DebStcLim33_CA	3x1
DDRCObsvr_Intl.DebStcLim34_CA	3x1
DDRCObsvr_Intl.DebStcLim35_CA	3x1
DDRCObsvr_Intl.DebStcLim36_CA	3x1
DDRCObsvr_Intl.DebStcLim37_CA	3x1
DDRCObsvr_Intl.DebStcLim38_CA	3x1
DDRCObsvr_Intl.DebStcLim39_CA	3x1
DDRCObsvr_Intl.DebStcLim40_CA	3x1
DDRCObsvr_Intl.DebStcLim41_CA	3x1
DDRCObsvr_Intl.DebStcLim42_CA	3x1
DDRCObsvr_Intl.DebStcLim43_CA	3x1
DDRCObsvr_Intl.DebStcLim44_CA	3x1
DDRCObsvr_Intl.DebStcLim45_CA	3x1
DDRCObsvr_Intl.DebStcLim46_CA	3x1
DDRCObsvr_Intl.DebStcLim47_CA	3x1
DDRCObsvr_Intl.DebStcLim48_CA	3x1
DDRCObsvr_Intl.DebStcLim49_CA	3x1
DDRCObsvr_Intl.DebStcLim50_CA	3x1
DDRCObsvr_Intl.DebStcLim51_CA	3x1
DDRCObsvr_Intl.DebStcLim52_CA	3x1
DDRCObsvr_Intl.DebStcLim53_CA	3x1
DDRCObsvr_Intl.DebStcLim54_CA	3x1
DDRCObsvr_Intl.DebStcLim55_CA	3x1
DDRCObsvr_Intl.DebStcLim56_CA	3x1
DDRCObsvr_Intl.DebStcLim57_CA	3x1
DDRCObsvr_Intl.DebStcLim58_CA	3x1
DDRCObsvr_Intl.DebStcLim59_CA	3x1
DDRCObsvr_Intl.DebStcLim60_CA	3x1
DDRCObsvr_Intl.DebStcLim61_CA	3x1
DDRCObsvr_Intl.DebStcLim62_CA	3x1
DDRCObsvr_Intl.DebStcLim63_CA	3x1
DDRCObsvr_Intl.DebStcLim64_CA	3x1
DDRCObsvr_Intl.DebStcLim65_CA	3x1
DDRCObsvr_Intl.DebStcLim66_CA	3x1
DDRCObsvr_Intl.DebStcLim67_CA	3x1
DDRCObsvr_Intl.DebStcLim68_CA	3x1
DDRCObsvr_Intl.DebStcLim69_CA	3x1
DDRCObsvr_Intl.DebStcLim70_CA	3x1
DDRCObsvr_Intl.DebStcLim71_CA	3x1
DDRCObsvr_Intl.DebStcLim72_CA	3x1
DDRCObsvr_Intl.DebStcLim73_CA	3x1
DDRCObsvr_Intl.DebStcLim74_CA	3x1
DDRCObsvr_Intl.DebStcLim75_CA	3x1
DDRCObsvr_Intl.DebStcLim76_CA	3x1
DDRCObsvr_Intl.DebStcLim77_CA	3x1
DDRCObsvr_Intl.DebStcLim78_CA	3x1
DDRCObsvr_Intl.DebStcLim79_CA	3x1
DDRCObsvr_Intl.DebStcLim80_CA	3x1
DDRCObsvr_Intl.DebStcLim81_CA	3x1
DDRCObsvr_Intl.DebStcLim82_CA	3x1
DDRCObsvr_Intl.DebStcLim83_CA	3x1
DDRCObsvr_Intl.DebStcLim84_CA	3x1
DDRCObsvr_Intl.DebStcLim85_CA	3x1
DDRCObsvr_Intl.DebStcLim86_CA	3x1
DDRCObsvr_Intl.DebStcLim87_CA	3x1
DDRCObsvr_Intl.DebStcLim88_CA	3x1
DDRCObsvr_Intl.DebStcLim89_CA	3x1
DDRCObsvr_Intl.DebStcLim90_CA	3x1
DDRCObsvr_Intl.DebStcLim91_CA	3x1
DDRCObsvr_Intl.DebStcLim92_CA	3x1
DDRCObsvr_Intl.DebStcLim93_CA	3x1
DDRCObsvr_Intl.DebStcLim94_CA	3x1
DDRCObsvr_Intl.DebStcLim95_CA	3x1
DDRCObsvr_Intl.DebStcLim96_CA	3x1
DDRCObsvr_Intl.DebStcLim97_CA	3x1
DDRCObsvr_Intl.DebStcLim98_CA	3x1
DDRCObsvr_Intl.DebStcLim99_CA	3x1
DDRCObsvr_Intl.DebStcLim100_CA	3x1
DDRCObsvr_Intl.DebStcLim101_CA	3x1
DDRCObsvr_Intl.DebStcLim102_CA	3x1
DDRCObsvr_Intl.DebStcLim103_CA	3x1
DDRCObsvr_Intl.DebStcLim104_CA	3x1
DDRCObsvr_Intl.DebStcLim105_CA	3x1
DDRCObsvr_Intl.DebStcLim106_CA	3x1
DDRCObsvr_Intl.DebStcLim107_CA	3x1
DDRCObsvr_Intl.DebStcLim108_CA	3x1
DDRCObsvr_Intl.DebStcLim109_CA	3x1
DDRCObsvr_Intl.DebStcLim110_CA	3x1

DDRCObsvr_Intl.DebStcLim111_CA	3x1
DDRCObsvr_Intl.DebStcLim112_CA	3x1
DDRCObsvr_Intl.DebStcLim113_CA	3x1
DDRCObsvr_Intl.DebStcLim114_CA	3x1
DDRCObsvr_Intl.DebStcLim115_CA	3x1
DDRCObsvr_Intl.DebStcLim116_CA	3x1
DDRCObsvr_Intl.DebStcLim117_CA	3x1
DDRCObsvr_Intl.DebStcLim118_CA	3x1
DDRCObsvr_Intl.DebStcLim119_CA	3x1
DDRCObsvr_Intl.DebStcLim120_CA	3x1
DDRCObsvr_Intl.DebStcLim121_CA	3x1
DDRCObsvr_Intl.DebStcLim122_CA	3x1
DDRCObsvr_Intl.DebStcLim123_CA	3x1
DDRCObsvr_Intl.DebStcLim124_CA	3x1
DDRCObsvr_Intl.DebStcLim125_CA	3x1
DDRCObsvr_Intl.DebStcLim126_CA	3x1
DDRCObsvr_Intl.DebStcLim127_CA	3x1
DDRCObsvr_Intl.DebStcLim128_CA	3x1
DDRCObsvr_Intl.DebStcLim129_CA	3x1
DDRCObsvr_Intl.DebStcLim130_CA	3x1
DDRCObsvr_Intl.DebStcLim131_CA	3x1
DDRCObsvr_Intl.DebStcLim132_CA	3x1
DDRCObsvr_Intl.DebStcLim133_CA	3x1
DDRCObsvr_Intl.DebStcLim134_CA	3x1
DDRCObsvr_Intl.DebStcLim135_CA	3x1
DDRCObsvr_Intl.DebStcLim136_CA	3x1
DDRCObsvr_Intl.DebStcLim137_CA	3x1
DDRCObsvr_Intl.DebStcLim138_CA	3x1
DDRCObsvr_Intl.DebStcLim139_CA	3x1
DDRCObsvr_Intl.DebStcLim140_CA	3x1
DDRCObsvr_Intl.DebStcLim141_CA	3x1
DDRCObsvr_Intl.DebStcLim142_CA	3x1
DDRCObsvr_Intl.DebStcLim143_CA	3x1
DDRCObsvr_Intl.DebStcLim144_CA	3x1
DDRCObsvr_Intl.DebStcLim145_CA	3x1
DDRCObsvr_Intl.DebStcLim146_CA	3x1
DDRCObsvr_Intl.DebStcLim147_CA	3x1
DDRCObsvr_Intl.DebStcLim148_CA	3x1
DDRCObsvr_Intl.DebStcLim149_CA	3x1
DDRCObsvr_Intl.DebStcLim150_CA	3x1
DDRCObsvr_Intl.DebStcLim151_CA	3x1
DDRCObsvr_Intl.DebStcLim152_CA	3x1
DDRCObsvr_Intl.DebStcLim153_CA	3x1
DDRCObsvr_Intl.DebStcLim154_CA	3x1
DDRCObsvr_Intl.DebStcLim155_CA	3x1
DDRCObsvr_Intl.DebStcLim156_CA	3x1
DDRCObsvr_Intl.DebStcLim157_CA	3x1
DDRCObsvr_Intl.DebStcLim158_CA	3x1
DDRCObsvr_Intl.DebStcLim159_CA	3x1
DDRCObsvr_Intl.DebStcLim160_CA	3x1
DDRCObsvr_Intl.DebStcLim161_CA	3x1
DDRCObsvr_Intl.DebStcLim162_CA	3x1
DDRCObsvr_Intl.DebStcLim163_CA	3x1
DDRCObsvr_Intl.DebStcLim164_CA	3x1
DDRCObsvr_Intl.DebStcLim165_CA	3x1
DDRCObsvr_Intl.DebStcLim166_CA	3x1
DDRCObsvr_Intl.DebStcLim167_CA	3x1
DDRCObsvr_Intl.DebStcLim168_CA	3x1
DDRCObsvr_Intl.DebStcLim169_CA	3x1
DDRCObsvr_Intl.DebStcLim170_CA	3x1
DDRCObsvr_Intl.DebStcLim171_CA	3x1
DDRCObsvr_Intl.DebStcLim172_CA	3x1
DDRCObsvr_Intl.DebStcLim173_CA	3x1
DDRCObsvr_Intl.DebStcLim174_CA	3x1
DDRCObsvr_Intl.DebStcLim175_CA	3x1
DDRCObsvr_Intl.DebStcLim176_CA	3x1
DDRCObsvr_Intl.DebStcLim177_CA	3x1
DDRCObsvr_Intl.DebStcLim178_CA	3x1
DDRCObsvr_Intl.DebStcLim179_CA	3x1
DDRCObsvr_Intl.DebStcLim180_CA	3x1
DDRCObsvr_Intl.DebStcLim181_CA	3x1
DDRCObsvr_Intl.DebStcLim182_CA	3x1
DDRCObsvr_Intl.DebStcLim183_CA	3x1
DDRCObsvr_Intl.DebStcLim184_CA	3x1
DDRCObsvr_Intl.DebStcLim185_CA	3x1
DDRCObsvr_Intl.DebStcLim186_CA	3x1
DDRCObsvr_Intl.DebStcLim187_CA	3x1
DDRCObsvr_Intl.DebStcLim188_CA	3x1
DDRCObsvr_Intl.DebStcLim189_CA	3x1
DDRCObsvr_Intl.DebStcLim190_CA	3x1
DDRCObsvr_Intl.DebStcLim191_CA	3x1
DDRCObsvr_Intl.DebStcLim192_CA	3x1
DDRCObsvr_Intl.DebStcLim193_CA	3x1
DDRCObsvr_Intl.DebStcLim194_CA	3x1
DDRCObsvr_Intl.DebStcLim195_CA	3x1
DDRCObsvr_Intl.DebStcLim196_CA	3x1
DDRCObsvr_Intl.DebStcLim197_CA	3x1
DDRCObsvr_Intl.DebStcLim198_CA	3x1
DDRCObsvr_Intl.DebStcLim199_CA	3x1
DDRCObsvr_Intl.DebStcLim200_CA	3x1
DDRCObsvr_Intl.DebStcLim201_CA	3x1
DDRCObsvr_Intl.DebStcLim202_CA	3x1
DDRCObsvr_Intl.DebStcLim203_CA	3x1
DDRCObsvr_Intl.DebStcLim204_CA	3x1
DDRCObsvr_Intl.DebStcLim205_CA	3x1
DDRCObsvr_Intl.DebStcLim206_CA	3x1
DDRCObsvr_Intl.DebStcLim207_CA	3x1
DDRCObsvr_Intl.DebStcLim208_CA	3x1
DDRCObsvr_Intl.DebStcLim209_CA	3x1

DDRCObsvr_Intl.DebStcLim210_CA	3x1
DDRCObsvr_Intl.DebStcLim211_CA	3x1
DDRCObsvr_Intl.DebStcLim212_CA	3x1
DDRCObsvr_Intl.DebStcLim213_CA	3x1
DDRCObsvr_Intl.DebStcLim214_CA	3x1
DDRCObsvr_Intl.DebStcLim215_CA	3x1
DDRCObsvr_Intl.DebStcLim216_CA	3x1
DDRCObsvr_Intl.DebStcLim217_CA	3x1
DDRCObsvr_Intl.DebStcLim218_CA	3x1
DDRCObsvr_Intl.DebStcLim219_CA	3x1
DDRCObsvr_Intl.DebStcLim220_CA	3x1
DDRCObsvr_Intl.DebStcLim221_CA	3x1
DDRCObsvr_Intl.DebStcLim222_CA	3x1
DDRCObsvr_Intl.DebStcLim223_CA	3x1
DDRCObsvr_Intl.DebStcLim224_CA	3x1
DDRCObsvr_Intl.DebStcLim225_CA	3x1
DDRCObsvr_Intl.DebStcLim226_CA	3x1
DDRCObsvr_Intl.DebStcLim227_CA	3x1
DDRCObsvr_Intl.DebStcLim228_CA	3x1
DDRCObsvr_Intl.DebStcLim229_CA	3x1
DDRCObsvr_Intl.DebStcLim230_CA	3x1
DDRCObsvr_Intl.DebStcLim231_CA	3x1
DDRCObsvr_Intl.DebStcLim232_CA	3x1
DDRCObsvr_Intl.DebStcLim233_CA	3x1
DDRCObsvr_Intl.DebStcLim234_CA	3x1
DDRCObsvr_Intl.DebStcLim235_CA	3x1
DDRCObsvr_Intl.DebStcLim236_CA	3x1
DDRCObsvr_Intl.DebStcLim237_CA	3x1
DDRCObsvr_Intl.DebStcLim238_CA	3x1
DDRCObsvr_Intl.DebStcLim239_CA	3x1
DDRCObsvr_Intl.DebStcLim240_CA	3x1
DDRCObsvr_Intl.DebStcLim241_CA	3x1
DDRCObsvr_Intl.DebStcLim242_CA	3x1
DDRCObsvr_Intl.DebStcLim243_CA	3x1
DDRCObsvr_Intl.DebStcLim244_CA	3x1
DDRCObsvr_Intl.DebStcLim245_CA	3x1
DDRCObsvr_Intl.DebStcLim246_CA	3x1
DDRCObsvr_Intl.DebStcLim247_CA	3x1
DDRCObsvr_Intl.DebStcLim248_CA	3x1
DDRCObsvr_Intl.DebStcLim249_CA	3x1
DDRCObsvr_Intl.DebStcLim250_CA	3x1
DDRCObsvr_Intl.DebStcLim251_CA	3x1
DDRCObsvr_Intl.DebStcLim252_CA	3x1
DDRCObsvr_Intl.DebStcLim253_CA	3x1
DDRCObsvr_Intl.DebStcLim254_CA	3x1
Threshold for anti-overflow activation	1x1
Reset trigger to re-initialize statistics value array	255x1
DDRC_DurDeb.AirC_tiCmprOLDebOk_C	1x1
DDRC_DurDeb.AirC_tiCmprOLDebOk_C	1x1
DDRC_DurDeb.AirC_tiCmprOLDebDef_C	1x1
DDRC_DurDeb.AirC_tiCmprOLDebDef_C	1x1
DDRC_DurDeb.AirC_tiCmprOLDebDef_C	1x1
DDRC_DurDeb.AirC_tiCmprOvrTempDebOk_C	1x1
DDRC_DurDeb.AirC_tiCmprOvrTempDebOk_C	1x1
DDRC_DurDeb.AirC_tiCmprOvrTempDebDef_C	1x1
DDRC_DurDeb.AirC_tiCmprOvrTempDebDef_C	1x1
DDRC_DurDeb.AirC_tiCmprSCBDebOk_C	1x1
DDRC_DurDeb.AirC_tiCmprSCBDebOk_C	1x1
DDRC_DurDeb.AirC_tiCmprSCBDebDef_C	1x1
DDRC_DurDeb.AirC_tiCmprSCBDebDef_C	1x1
DDRC_DurDeb.AirC_tiCmprSCGDebOk_C	1x1
DDRC_DurDeb.AirC_tiCmprSCGDebOk_C	1x1
DDRC_DurDeb.AirC_tiCmprSCGDebDef_C	1x1
DDRC_DurDeb.AirC_tiCmprSCGDebDef_C	1x1
DDRC_DurDeb.Alt_tiErrDebOk_C	1x1
DDRC_DurDeb.Alt_tiErrDebOk_C	1x1
DDRC_DurDeb.Alt_tiErrDebDef_C	1x1
DDRC_DurDeb.Alt_tiErrDebDef_C	1x1
DDRC_DurDeb.BattU_tiMaxDebOk_C	1x1
DDRC_DurDeb.BattU_tiMaxDebOk_C	1x1
DDRC_DurDeb.BattU_tiMaxDebDef_C	1x1
DDRC_DurDeb.BattU_tiMaxDebDef_C	1x1
DDRC_DurDeb.BattU_tiMinDebOk_C	1x1
DDRC_DurDeb.BattU_tiMinDebOk_C	1x1
DDRC_DurDeb.BattU_tiMinDebDef_C	1x1
DDRC_DurDeb.BattU_tiMinDebDef_C	1x1
DDRC_DurDeb.DevLib_tiBattUHiDebOk_C	1x1
DDRC_DurDeb.DevLib_tiBattUHiDebOk_C	1x1
DDRC_DurDeb.DevLib_tiBattUHiDebDef_C	1x1
DDRC_DurDeb.DevLib_tiBattUHiDebDef_C	1x1
DDRC_DurDeb.DevLib_tiBattULoDebOk_C	1x1
DDRC_DurDeb.DevLib_tiBattULoDebOk_C	1x1
DDRC_DurDeb.DevLib_tiBattULoDebOk_C	1x1
DDRC_DurDeb.DevLib_tiBattULoDebDef_C	1x1
DDRC_DurDeb.DevLib_tiBattULoDebDef_C	1x1
DDRC_DurDeb.Fan_tiDIOOLDebOk_C	1x1
DDRC_DurDeb.Fan_tiDIOOLDebOk_C	1x1
DDRC_DurDeb.Fan_tiDIOOLDebDef_C	1x1
DDRC_DurDeb.Fan_tiDIOOLDebDef_C	1x1
DDRC_DurDeb.Fan_tiDIOOvrTempDebOk_C	1x1
DDRC_DurDeb.Fan_tiDIOOvrTempDebOk_C	1x1
DDRC_DurDeb.Fan_tiDIOOvrTempDebDef_C	1x1
DDRC_DurDeb.Fan_tiDIOOvrTempDebDef_C	1x1
DDRC_DurDeb.Fan_tiDIOSCBDebOk_C	1x1
DDRC_DurDeb.Fan_tiDIOSCBDebOk_C	1x1
DDRC_DurDeb.Fan_tiDIOSCBDebDef_C	1x1
DDRC_DurDeb.Fan_tiDIOSCBDebDef_C	1x1
DDRC_DurDeb.Fan_tiDIOSCGDebOk_C	1x1
DDRC_DurDeb.Fan_tiDIOSCGDebOk_C	1x1
DDRC_DurDeb.Fan_tiDIOSCGDebDef_C	1x1
DDRC_DurDeb.Fan_tiDIOSCGDebDef_C	1x1

DDRC_DurDeb.PSP_tiOLDebOk_C	1x1
DDRC_DurDeb.PSP_tiOLDebOk_C	1x1
DDRC_DurDeb.PSP_tiOLDebDef_C	1x1
DDRC_DurDeb.PSP_tiOLDebDef_C	1x1
DDRC_DurDeb.PSP_tiOvrTempDebOk_C	1x1
DDRC_DurDeb.PSP_tiOvrTempDebOk_C	1x1
DDRC_DurDeb.PSP_tiOvrTempDebDef_C	1x1
DDRC_DurDeb.PSP_tiOvrTempDebDef_C	1x1
DDRC_DurDeb.PSP_tiSCBDebOk_C	1x1
DDRC_DurDeb.PSP_tiSCBDebOk_C	1x1
DDRC_DurDeb.PSP_tiSCBDebDef_C	1x1
DDRC_DurDeb.PSP_tiSCBDebDef_C	1x1
DDRC_DurDeb.PSP_tiSCGDebOk_C	1x1
DDRC_DurDeb.PSP_tiSCGDebOk_C	1x1
DDRC_DurDeb.PSP_tiSCGDebDef_C	1x1
DDRC_DurDeb.PSP_tiSCGDebDef_C	1x1
DDRC_DurDeb.VehV_tiCANSigFLDebOk_C	1x1
DDRC_DurDeb.VehV_tiCANSigFLDebOk_C	1x1
DDRC_DurDeb.VehV_tiCANSigFLDebDef_C	1x1
DDRC_DurDeb.VehV_tiCANSigFLDebDef_C	1x1
DDRC_DurDeb.VehV_tiCANSigFRDebOk_C	1x1
DDRC_DurDeb.VehV_tiCANSigFRDebOk_C	1x1
DDRC_DurDeb.VehV_tiCANSigFRDebDef_C	1x1
DDRC_DurDeb.VehV_tiCANSigFRDebDef_C	1x1
DDRC_DurDeb.VehV_tiCANSigRLDebOk_C	1x1
DDRC_DurDeb.VehV_tiCANSigRLDebOk_C	1x1
DDRC_DurDeb.VehV_tiCANSigRLDebDef_C	1x1
DDRC_DurDeb.VehV_tiCANSigRLDebDef_C	1x1
DDRC_DurDeb.VehV_tiCANSigRRDebOk_C	1x1
DDRC_DurDeb.VehV_tiCANSigRRDebOk_C	1x1
DDRC_DurDeb.VehV_tiCANSigRRDebDef_C	1x1
DDRC_DurDeb.VehV_tiCANSigRRDebDef_C	1x1
DDRC_DurDeb.VehV_tiOLDebOk_C	1x1
DDRC_DurDeb.VehV_tiOLDebOk_C	1x1
DDRC_DurDeb.VehV_tiOLDebDef_C	1x1
DDRC_DurDeb.VehV_tiOLDebDef_C	1x1
DDRC_DurDeb.VehV_tiOTDebOk_C	1x1
DDRC_DurDeb.VehV_tiOTDebOk_C	1x1
DDRC_DurDeb.VehV_tiOTDebDef_C	1x1
DDRC_DurDeb.VehV_tiOTDebDef_C	1x1
DDRC_DurDeb.VehV_tiSCBDebOk_C	1x1
DDRC_DurDeb.VehV_tiSCBDebOk_C	1x1
DDRC_DurDeb.VehV_tiSCBDebDef_C	1x1
DDRC_DurDeb.VehV_tiSCBDebDef_C	1x1
DDRC_DurDeb.VehV_tiSCGDebOk_C	1x1
DDRC_DurDeb.VehV_tiSCGDebOk_C	1x1
DDRC_DurDeb.VehV_tiSCGDebDef_C	1x1
DDRC_DurDeb.VehV_tiSCGDebDef_C	1x1
DDRC_DurDeb.VlvLft_tiFbSwtExh11SpclFailDebOk_C	1x1
DDRC_DurDeb.VlvLft_tiFbSwtExh11SpclFailDebOk_C	1x1
DDRC_DurDeb.VlvLft_tiFbSwtExh11SpclFailDebDef_C	1x1
DDRC_DurDeb.VlvLft_tiFbSwtExh11SpclFailDebDef_C	1x1
DDRC_DurDeb.VlvLft_tiFbSwtExh11StdFailDebOk_C	1x1
DDRC_DurDeb.VlvLft_tiFbSwtExh11StdFailDebOk_C	1x1
DDRC_DurDeb.VlvLft_tiFbSwtExh11StdFailDebDef_C	1x1
DDRC_DurDeb.VlvLft_tiFbSwtExh11StdFailDebDef_C	1x1
DDRC_DurDeb.DDHFHD_numDhfDebDef_CDebOk_C	1x1
DDRC_DurDeb.DDHFHD_numDhfDebDef_CDebOk_C	1x1
DDRC_DurDeb.DDHFHD_numDhfDebDef_CDebDef_C	1x1
DDRC_DurDeb.DDHFHD_numDhfDebDef_CDebDef_C	1x1
DDRC_DurDeb.InjVlv_numNoLdDebOk_C	1x1
DDRC_DurDeb.InjVlv_numNoLdDebOk_C	1x1
DDRC_DurDeb.InjVlv_numNoLdDebDef_C	1x1
DDRC_DurDeb.InjVlv_numNoLdDebDef_C	1x1
DDRC_DurDeb.InjVlv_numScBnkDebOk_C	1x1
DDRC_DurDeb.InjVlv_numScBnkDebOk_C	1x1
DDRC_DurDeb.InjVlv_numScBnkDebDef_C	1x1
DDRC_DurDeb.InjVlv_numScBnkDebDef_C	1x1
DDRC_DurDeb.InjVlv_numScCylDebOk_C	1x1
DDRC_DurDeb.InjVlv_numScCylDebOk_C	1x1
DDRC_DurDeb.InjVlv_numScCylDebDef_C	1x1
DDRC_DurDeb.InjVlv_numScCylDebDef_C	1x1
DDRC_DurDeb.InjVlv_numScHsLsDebOk_C	1x1
DDRC_DurDeb.InjVlv_numScHsLsDebOk_C	1x1
DDRC_DurDeb.InjVlv_numScHsLsDebDef_C	1x1
DDRC_DurDeb.InjVlv_numScHsLsDebDef_C	1x1
DDRC_DurDeb.MfPsDia_numOpenLoadDebOk_C	1x1
DDRC_DurDeb.MfPsDia_numOpenLoadDebOk_C	1x1
DDRC_DurDeb.MfPsDia_numOpenLoadDebDef_C	1x1
DDRC_DurDeb.MfPsDia_numOpenLoadDebDef_C	1x1
DDRC_DurDeb.MfPsDia_numScHiSDebOk_C	1x1
DDRC_DurDeb.MfPsDia_numScHiSDebOk_C	1x1
DDRC_DurDeb.MfPsDia_numScHiSDebDef_C	1x1
DDRC_DurDeb.MfPsDia_numScHiSDebDef_C	1x1
DDRC_DurDeb.MfPsDia_numScHiSLowSDebOk_C	1x1
DDRC_DurDeb.MfPsDia_numScHiSLowSDebOk_C	1x1
DDRC_DurDeb.MfPsDia_numScHiSLowSDebDef_C	1x1
DDRC_DurDeb.MfPsDia_numScHiSLowSDebDef_C	1x1
DDRC_DurDeb.MfPsDia_numScLowSDebOk_C	1x1
DDRC_DurDeb.MfPsDia_numScLowSDebOk_C	1x1
DDRC_DurDeb.MfPsDia_numScLowSDebDef_C	1x1
DDRC_DurDeb.MfPsDia_numScLowSDebDef_C	1x1
DDRC_DurDeb.ACEvpT_tiPhysRngHiDebOk_C	1x1
DDRC_DurDeb.ACEvpT_tiPhysRngHiDebOk_C	1x1
DDRC_DurDeb.ACEvpT_tiPhysRngHiDebDef_C	1x1
DDRC_DurDeb.ACEvpT_tiPhysRngHiDebDef_C	1x1
DDRC_DurDeb.ACEvpT_tiPhysRngLoDebOk_C	1x1
DDRC_DurDeb.ACEvpT_tiPhysRngLoDebOk_C	1x1
DDRC_DurDeb.ACEvpT_tiPhysRngLoDebDef_C	1x1

DDRC_DurDeb.ACEvpT_tiPhysRngLoDebDef_C	1x1
DDRC_DurDeb.ACEvpT_tiSRCMaxDebOk_C	1x1
DDRC_DurDeb.ACEvpT_tiSRCMaxDebOk_C	1x1
DDRC_DurDeb.ACEvpT_tiSRCMaxDebDef_C	1x1
DDRC_DurDeb.ACEvpT_tiSRCMaxDebDef_C	1x1
DDRC_DurDeb.ACEvpT_tiSRCMinDebOk_C	1x1
DDRC_DurDeb.ACEvpT_tiSRCMinDebOk_C	1x1
DDRC_DurDeb.ACEvpT_tiSRCMinDebDef_C	1x1
DDRC_DurDeb.ACEvpT_tiSRCMinDebDef_C	1x1
DDRC_DurDeb.AirC_tiClntSRCMaxDebOk_C	1x1
DDRC_DurDeb.AirC_tiClntSRCMaxDebOk_C	1x1
DDRC_DurDeb.AirC_tiClntSRCMaxDebDef_C	1x1
DDRC_DurDeb.AirC_tiClntSRCMaxDebDef_C	1x1
DDRC_DurDeb.AirC_tiClntSRCMinDebOk_C	1x1
DDRC_DurDeb.AirC_tiClntSRCMinDebOk_C	1x1
DDRC_DurDeb.AirC_tiClntSRCMinDebDef_C	1x1
DDRC_DurDeb.AirC_tiClntSRCMinDebDef_C	1x1
DDRC_DurDeb.AirC_tiSwtNplDebOk_C	1x1
DDRC_DurDeb.AirC_tiSwtNplDebOk_C	1x1
DDRC_DurDeb.AirC_tiSwtNplDebDef_C	1x1
DDRC_DurDeb.AirC_tiSwtNplDebDef_C	1x1
DDRC_DurDeb.AirC_tiSwtNplDebDef_C	1x1
DDRC_DurDeb.AirC_tiSwtSigDebOk_C	1x1
DDRC_DurDeb.AirC_tiSwtSigDebOk_C	1x1
DDRC_DurDeb.AirC_tiSwtSigDebDef_C	1x1
DDRC_DurDeb.AirC_tiSwtSigDebDef_C	1x1
DDRC_DurDeb.BrkBstP_tiSCBDebOk_C	1x1
DDRC_DurDeb.BrkBstP_tiSCBDebOk_C	1x1
DDRC_DurDeb.BrkBstP_tiSCBDebDef_C	1x1
DDRC_DurDeb.BrkBstP_tiSCBDebDef_C	1x1
DDRC_DurDeb.BrkBstP_tiSCGDebOk_C	1x1
DDRC_DurDeb.BrkBstP_tiSCGDebOk_C	1x1
DDRC_DurDeb.BrkBstP_tiSCGDebDef_C	1x1
DDRC_DurDeb.BrkBstP_tiSCGDebDef_C	1x1
DDRC_DurDeb.BrkP_tiPhysRngHiDebOk_C	1x1
DDRC_DurDeb.BrkP_tiPhysRngHiDebOk_C	1x1
DDRC_DurDeb.BrkP_tiPhysRngHiDebDef_C	1x1
DDRC_DurDeb.BrkP_tiPhysRngHiDebDef_C	1x1
DDRC_DurDeb.BrkP_tiPhysRngLoDebOk_C	1x1
DDRC_DurDeb.BrkP_tiPhysRngLoDebOk_C	1x1
DDRC_DurDeb.BrkP_tiPhysRngLoDebDef_C	1x1
DDRC_DurDeb.BrkP_tiPhysRngLoDebDef_C	1x1
DDRC_DurDeb.Brk_tiDebOk_C	1x1
DDRC_DurDeb.Brk_tiDebOk_C	1x1
DDRC_DurDeb.Brk_tiDebDef_C	1x1
DDRC_DurDeb.Brk_tiDebDef_C	1x1
DDRC_DurDeb.Brk_tiSigDebOk_C	1x1
DDRC_DurDeb.Brk_tiSigDebOk_C	1x1
DDRC_DurDeb.Brk_tiSigDebDef_C	1x1
DDRC_DurDeb.Brk_tiSigDebDef_C	1x1
DDRC_DurDeb.Clth_tiSigDebOk_C	1x1
DDRC_DurDeb.Clth_tiSigDebOk_C	1x1
DDRC_DurDeb.Clth_tiSigDebOk_C	1x1
DDRC_DurDeb.Clth_tiSigDebDef_C	1x1
DDRC_DurDeb.Clth_tiSigDebDef_C	1x1
DDRC_DurDeb.EngSpd_tiOLDebOk_C	1x1
DDRC_DurDeb.EngSpd_tiOLDebOk_C	1x1
DDRC_DurDeb.EngSpd_tiOLDebDef_C	1x1
DDRC_DurDeb.EngSpd_tiOLDebDef_C	1x1
DDRC_DurDeb.EngSpd_tiOTDebOk_C	1x1
DDRC_DurDeb.EngSpd_tiOTDebOk_C	1x1
DDRC_DurDeb.EngSpd_tiOTDebDef_C	1x1
DDRC_DurDeb.EngSpd_tiOTDebDef_C	1x1
DDRC_DurDeb.EngSpd_tiSCBDebOk_C	1x1
DDRC_DurDeb.EngSpd_tiSCBDebOk_C	1x1
DDRC_DurDeb.EngSpd_tiSCBDebDef_C	1x1
DDRC_DurDeb.EngSpd_tiSCBDebDef_C	1x1
DDRC_DurDeb.EngSpd_tiSCGDebOk_C	1x1
DDRC_DurDeb.EngSpd_tiSCGDebOk_C	1x1
DDRC_DurDeb.EngSpd_tiSCGDebDef_C	1x1
DDRC_DurDeb.EngSpd_tiSCGDebDef_C	1x1
DDRC_DurDeb.GbxNPos_tiSigDebOk_C	1x1
DDRC_DurDeb.GbxNPos_tiSigDebOk_C	1x1
DDRC_DurDeb.GbxNPos_tiSigDebDef_C	1x1
DDRC_DurDeb.GbxNPos_tiSigDebDef_C	1x1
DDRC_DurDeb.HLSDem_tiOvhtDebOk_C	1x1
DDRC_DurDeb.HLSDem_tiOvhtDebOk_C	1x1
DDRC_DurDeb.HLSDem_tiOvhtDebDef_C	1x1
DDRC_DurDeb.HLSDem_tiOvhtDebDef_C	1x1
DDRC_DurDeb.Oil_tiSRCMaxPSwmpDebOk_C	1x1
DDRC_DurDeb.Oil_tiSRCMaxPSwmpDebOk_C	1x1
DDRC_DurDeb.Oil_tiSRCMaxPSwmpDebDef_C	1x1
DDRC_DurDeb.Oil_tiSRCMaxPSwmpDebDef_C	1x1
DDRC_DurDeb.Oil_tiSRCMinPSwmpDebOk_C	1x1
DDRC_DurDeb.Oil_tiSRCMinPSwmpDebOk_C	1x1
DDRC_DurDeb.Oil_tiSRCMinPSwmpDebDef_C	1x1
DDRC_DurDeb.Oil_tiSRCMinPSwmpDebDef_C	1x1
DDRC_DurDeb.VehV_tiPhysRngHiDebOk_C	1x1
DDRC_DurDeb.VehV_tiPhysRngHiDebOk_C	1x1
DDRC_DurDeb.VehV_tiPhysRngHiDebDef_C	1x1
DDRC_DurDeb.VehV_tiPhysRngHiDebDef_C	1x1
DDRC_DurDeb.VehV_tiPhysRngLoDebOk_C	1x1
DDRC_DurDeb.VehV_tiPhysRngLoDebOk_C	1x1
DDRC_DurDeb.VehV_tiPhysRngLoDebDef_C	1x1
DDRC_DurDeb.VehV_tiPhysRngLoDebDef_C	1x1
DDRC_DurDeb.VehV_tiSigCanDebOk_C	1x1
DDRC_DurDeb.VehV_tiSigCanDebOk_C	1x1
DDRC_DurDeb.VehV_tiSigCanDebDef_C	1x1
DDRC_DurDeb.VehV_tiSigCanDebDef_C	1x1
DDRC_DurDeb.VehV_tiSigCanSafeDebOk_C	1x1
DDRC_DurDeb.VehV_tiSigCanSafeDebOk_C	1x1

DDRC_DurDeb.VehV_tiSigCanSafeDebDef_C	1x1
DDRC_DurDeb.VehV_tiSigCanSafeDebDef_C	1x1
DDRC_DurDeb.Clth_numPlaDebOk_C	1x1
DDRC_DurDeb.Clth_numPlaDebOk_C	1x1
DDRC_DurDeb.Clth_numPlaDebDef_C	1x1
DDRC_DurDeb.Clth_numPlaDebDef_C	1x1
DDRC_DurDeb.MRly_numSCGDebOk_C	1x1
DDRC_DurDeb.MRly_numSCGDebOk_C	1x1
DDRC_DurDeb.MRly_numSCGDebDef_C	1x1
DDRC_DurDeb.MRly_numSCGDebDef_C	1x1
DDRC_DurDeb.AltIO_tiACGFailrDebOk_C	1x1
DDRC_DurDeb.AltIO_tiACGFailrDebOk_C	1x1
DDRC_DurDeb.AltIO_tiACGFailrDebDef_C	1x1
DDRC_DurDeb.AltIO_tiACGFailrDebDef_C	1x1
DDRC_DurDeb.AltIO_tiACGHiVltgDebOk_C	1x1
DDRC_DurDeb.AltIO_tiACGHiVltgDebOk_C	1x1
DDRC_DurDeb.AltIO_tiACGHiVltgDebDef_C	1x1
DDRC_DurDeb.AltIO_tiACGHiVltgDebDef_C	1x1
DDRC_DurDeb.AltIO_tiACGLoVltgDebOk_C	1x1
DDRC_DurDeb.AltIO_tiACGLoVltgDebOk_C	1x1
DDRC_DurDeb.AltIO_tiACGLoVltgDebDef_C	1x1
DDRC_DurDeb.AltIO_tiACGLoVltgDebOk_C	1x1
DDRC_DurDeb.AltIO_tiACGLoVltgDebDef_C	1x1
DDRC_DurDeb.AltIO_tiACGLoVltgDebDef_C	1x1
DDRC_DurDeb.AltIO_tiACGTHiDebOk_C	1x1
DDRC_DurDeb.AltIO_tiACGTHiDebOk_C	1x1
DDRC_DurDeb.AltIO_tiACGTHiDebDef_C	1x1
DDRC_DurDeb.AltIO_tiACGTHiDebDef_C	1x1
DDRC_DurDeb.AltIO_tiDConnACGDebOk_C	1x1
DDRC_DurDeb.AltIO_tiDConnACGDebOk_C	1x1
DDRC_DurDeb.AltIO_tiDConnACGDebDef_C	1x1
DDRC_DurDeb.AltIO_tiDConnACGDebDef_C	1x1
DDRC_DurDeb.BrkBstP_tiDriftHiErrDebOk_C	1x1
DDRC_DurDeb.BrkBstP_tiDriftHiErrDebOk_C	1x1
DDRC_DurDeb.BrkBstP_tiDriftHiErrDebDef_C	1x1
DDRC_DurDeb.BrkBstP_tiDriftHiErrDebDef_C	1x1
DDRC_DurDeb.BrkBstP_tiDriftLoErrDebOk_C	1x1
DDRC_DurDeb.BrkBstP_tiDriftLoErrDebOk_C	1x1
DDRC_DurDeb.BrkBstP_tiDriftLoErrDebDef_C	1x1
DDRC_DurDeb.BrkBstP_tiDriftLoErrDebDef_C	1x1
DDRC_DurDeb.BrkBstP_tiSnsrStuckDebOk_C	1x1
DDRC_DurDeb.BrkBstP_tiSnsrStuckDebOk_C	1x1
DDRC_DurDeb.BrkBstP_tiSnsrStuckDebDef_C	1x1
DDRC_DurDeb.BrkBstP_tiSnsrStuckDebDef_C	1x1
DDRC_DurDeb.Brk_tiMnSwtContOnDebOk_C	1x1
DDRC_DurDeb.Brk_tiMnSwtContOnDebOk_C	1x1
DDRC_DurDeb.Brk_tiMnSwtContOnDebDef_C	1x1
DDRC_DurDeb.Brk_tiMnSwtContOnDebDef_C	1x1
DDRC_DurDeb.Brk_tiMnSwtNotStpDebOk_C	1x1
DDRC_DurDeb.Brk_tiMnSwtNotStpDebOk_C	1x1
DDRC_DurDeb.Brk_tiMnSwtNotStpDebDef_C	1x1
DDRC_DurDeb.Brk_tiMnSwtNotStpDebDef_C	1x1
DDRC_DurDeb.Brk_tiPlaDebOk_C	1x1
DDRC_DurDeb.Brk_tiMnSwtNotStpDebDef_C	1x1
DDRC_DurDeb.Brk_tiPlaDebOk_C	1x1
DDRC_DurDeb.Brk_tiPlaDebOk_C	1x1
DDRC_DurDeb.Brk_tiPlaDebDef_C	1x1
DDRC_DurDeb.Brk_tiPlaDebDef_C	1x1
DDRC_DurDeb.Brk_tiRdntSwtContOnDebOk_C	1x1
DDRC_DurDeb.Brk_tiRdntSwtContOnDebOk_C	1x1
DDRC_DurDeb.Brk_tiRdntSwtContOnDebDef_C	1x1
DDRC_DurDeb.Brk_tiRdntSwtContOnDebDef_C	1x1
DDRC_DurDeb.Brk_tiRdntSwtNotStpDebOk_C	1x1
DDRC_DurDeb.Brk_tiRdntSwtNotStpDebOk_C	1x1
DDRC_DurDeb.Brk_tiRdntSwtNotStpDebDef_C	1x1
DDRC_DurDeb.Brk_tiRdntSwtNotStpDebDef_C	1x1
DDRC_DurDeb.CY150_tiSpiCommErrorDebOk_C	1x1
DDRC_DurDeb.CY150_tiSpiCommErrorDebOk_C	1x1
DDRC_DurDeb.CY150_tiSpiCommErrorDebDef_C	1x1
DDRC_DurDeb.CY150_tiSpiCommErrorDebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon1DebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon1DebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon1DebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon1DebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon1OVDebOk_C	1x1
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DDRC_DurDeb.CY327_tiSSpMon1OVDebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon1OVDebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon1SCGDebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon1SCGDebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon1SCGDebDef_C	1x1
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DDRC_DurDeb.CY327_tiSSpMon1UVDebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon1UVDebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon1UVDebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon1UVDebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon1UVDebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon2DebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon2DebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon2DebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon2DebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon2OVDebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon2OVDebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon2OVDebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon2OVDebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon2SCGDebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon2SCGDebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon2SCGDebDef_C	1x1
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DDRC_DurDeb.CY327_tiSSpMon2UVDebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon2UVDebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon2UVDebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon2UVDebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon3DebOk_C	1x1

DDRC_DurDeb.CY327_tiSSpMon3DebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon3DebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon3DebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon3OVDebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon3OVDebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon3OVDebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon3OVDebDef_C	1x1
DDRC_DurDeb.CY327_tiSSpMon3SCGDebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon3SCGDebOk_C	1x1
DDRC_DurDeb.CY327_tiSSpMon3SCGDebDef_C	1x1
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DDRC_DurDeb.CY327_tiSpiComDebDef_C	1x1
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DDRC_DurDeb.Clth_tiClth3ONStuckDebOk_C	1x1
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DDRC_DurDeb.Clth_tiClth4OFFStuckDebDef_C	1x1
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DDRC_DurDeb.Clth_tiClthStkFailInfoDebDef_C	1x1
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DDRC_DurDeb.ComDCDC_tiInpErr1DebOk_C	1x1
DDRC_DurDeb.ComDCDC_tiInpErr1DebDef_C	1x1
DDRC_DurDeb.ComDCDC_tiInpErr1DebDef_C	1x1
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DDRC_DurDeb.ComDCDC_tiInpErr2DebOk_C	1x1
DDRC_DurDeb.ComDCDC_tiInpErr2DebDef_C	1x1
DDRC_DurDeb.ComDCDC_tiInpErr2DebDef_C	1x1
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DDRC_DurDeb.ComDCDC_tiIntErrDebDef_C	1x1
DDRC_DurDeb.ComDCDC_tiIntErrDebDef_C	1x1
DDRC_DurDeb.ComDCDC_tiOutpErr1DebOk_C	1x1
DDRC_DurDeb.ComDCDC_tiOutpErr1DebOk_C	1x1
DDRC_DurDeb.ComDCDC_tiOutpErr1DebDef_C	1x1
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DDRC_DurDeb.ComDCDC_tiOutpErr2DebOk_C	1x1
DDRC_DurDeb.ComDCDC_tiOutpErr2DebOk_C	1x1
DDRC_DurDeb.ComDCDC_tiOutpErr2DebDef_C	1x1
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DDRC_DurDeb.ComDCDC_tiTempWarn2DebDef_C	1x1
DDRC_DurDeb.ComDCDC_tiTempWarn2DebDef_C	1x1
DDRC_DurDeb.ComEBS_tiSelfDiagErrDebOk_C	1x1
DDRC_DurDeb.ComEBS_tiSelfDiagErrDebOk_C	1x1
DDRC_DurDeb.ComEBS_tiSelfDiagErrDebDef_C	1x1
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DDRC_DurDeb.Com_tiABSErrDebDef_C	1x1
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DDRC_DurDeb.Com_tiACCAChksumDebOk_C	1x1
DDRC_DurDeb.Com_tiACCAChksumDebOk_C	1x1
DDRC_DurDeb.Com_tiACCAChksumDebDef_C	1x1
DDRC_DurDeb.Com_tiACCAChksumDebDef_C	1x1
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DDRC_DurDeb.Com_tiACCADLCDebDef_C	1x1
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DDRC_DurDeb.Com_tiACCBChkSumDebDef_C	1x1
DDRC_DurDeb.Com_tiACCBRingCntDebOk_C	1x1
DDRC_DurDeb.Com_tiACCBRingCntDebOk_C	1x1
DDRC_DurDeb.Com_tiACCBRingCntDebDef_C	1x1
DDRC_DurDeb.Com_tiACCBRingCntDebDef_C	1x1

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DDRC_DurDeb.Com_tiACCBTOutDebOk_C	1x1
DDRC_DurDeb.Com_tiACCBTOutDebDef_C	1x1
DDRC_DurDeb.Com_tiACCBTOutDebDef_C	1x1
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DDRC_DurDeb.Com_tiACCTOutDebOk_C	1x1
DDRC_DurDeb.Com_tiACCTOutDebDef_C	1x1
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DDRC_DurDeb.Com_tiADSChkSumDebOk_C	1x1
DDRC_DurDeb.Com_tiADSChkSumDebDef_C	1x1
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DDRC_DurDeb.Com_tiATGearInfoErrDebDef_C	1x1
DDRC_DurDeb.Com_tiATGearInfoErrDebDef_C	1x1
DDRC_DurDeb.Com_tiATISSDebOk_C	1x1
DDRC_DurDeb.Com_tiATISSDebOk_C	1x1
DDRC_DurDeb.Com_tiATISSDebDef_C	1x1
DDRC_DurDeb.Com_tiATISSDebDef_C	1x1
DDRC_DurDeb.Com_tiAWDChksumDebOk_C	1x1
DDRC_DurDeb.Com_tiAWDChksumDebOk_C	1x1
DDRC_DurDeb.Com_tiAWDChksumDebDef_C	1x1
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DDRC_DurDeb.Com_tiAYCARingCntDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCARingCntDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCARingCntDebDef_C	1x1
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DDRC_DurDeb.Com_tiAYCATOutDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCATOutDebDef_C	1x1
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DDRC_DurDeb.Com_tiAYCBRingCntDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCBRingCntDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCBRingCntDebDef_C	1x1
DDRC_DurDeb.Com_tiAYCBRingCntDebDef_C	1x1
DDRC_DurDeb.Com_tiAYCBTOutDebOk_C	1x1
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DDRC_DurDeb.Com_tiAYCCtlErrDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCCtlErrDebDef_C	1x1
DDRC_DurDeb.Com_tiAYCCtlErrDebDef_C	1x1
DDRC_DurDeb.Com_tiAYCDChkSumDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCDChkSumDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCDChkSumDebDef_C	1x1
DDRC_DurDeb.Com_tiAYCDChkSumDebDef_C	1x1
DDRC_DurDeb.Com_tiAYCDTOutDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCDTOutDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCDTOutDebDef_C	1x1
DDRC_DurDeb.Com_tiAYCDTOutDebDef_C	1x1
DDRC_DurDeb.Com_tiAYCFChksumDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCFChksumDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCFChksumDebDef_C	1x1
DDRC_DurDeb.Com_tiAYCFChksumDebDef_C	1x1
DDRC_DurDeb.Com_tiAYCFCtlErrDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCFCtlErrDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCFCtlErrDebDef_C	1x1

DDRC_DurDeb.Com_tiAYCFCtlErrDebDef_C	1x1
DDRC_DurDeb.Com_tiAYCFRingCntDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCFRingCntDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCFRingCntDebDef_C	1x1
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DDRC_DurDeb.Com_tiAYCFTOutDebOk_C	1x1
DDRC_DurDeb.Com_tiAYCFTOutDebDef_C	1x1
DDRC_DurDeb.Com_tiAYCFTOutDebDef_C	1x1
DDRC_DurDeb.Com_tiAirEnvTDebOk_C	1x1
DDRC_DurDeb.Com_tiAirEnvTDebOk_C	1x1
DDRC_DurDeb.Com_tiAirEnvTDebDef_C	1x1
DDRC_DurDeb.Com_tiAirEnvTDebDef_C	1x1
DDRC_DurDeb.Com_tiApcCSumDebOk_C	1x1
DDRC_DurDeb.Com_tiApcCSumDebOk_C	1x1
DDRC_DurDeb.Com_tiApcCSumDebDef_C	1x1
DDRC_DurDeb.Com_tiApcCSumDebDef_C	1x1
DDRC_DurDeb.Com_tiApcctRingDebOk_C	1x1
DDRC_DurDeb.Com_tiApcctRingDebOk_C	1x1
DDRC_DurDeb.Com_tiApcctRingDebDef_C	1x1
DDRC_DurDeb.Com_tiApcctRingDebDef_C	1x1
DDRC_DurDeb.Com_tiApcctRingDebDef_C	1x1
DDRC_DurDeb.Com_tiApctiDebDebOk_C	1x1
DDRC_DurDeb.Com_tiApctiDebDebOk_C	1x1
DDRC_DurDeb.Com_tiApctiDebDebDef_C	1x1
DDRC_DurDeb.Com_tiApctiDebDebDef_C	1x1
DDRC_DurDeb.Com_tiBB10TDebDebOk_C	1x1
DDRC_DurDeb.Com_tiBB10TDebDebOk_C	1x1
DDRC_DurDeb.Com_tiBB10TDebDebDef_C	1x1
DDRC_DurDeb.Com_tiBB10TDebDebDef_C	1x1
DDRC_DurDeb.Com_tiBB1TDebDebOk_C	1x1
DDRC_DurDeb.Com_tiBB1TDebDebOk_C	1x1
DDRC_DurDeb.Com_tiBB1TDebDebDef_C	1x1
DDRC_DurDeb.Com_tiBB1TDebDebDef_C	1x1
DDRC_DurDeb.Com_tiBB2TDebDebOk_C	1x1
DDRC_DurDeb.Com_tiBB2TDebDebOk_C	1x1
DDRC_DurDeb.Com_tiBB2TDebDebDef_C	1x1
DDRC_DurDeb.Com_tiBB2TDebDebDef_C	1x1
DDRC_DurDeb.Com_tiCANABusOffErrDebOk_C	1x1
DDRC_DurDeb.Com_tiCANABusOffErrDebOk_C	1x1
DDRC_DurDeb.Com_tiCANABusOffErrDebDef_C	1x1
DDRC_DurDeb.Com_tiCANABusOffErrDebDef_C	1x1
DDRC_DurDeb.Com_tiCANBBusOffErrDebOk_C	1x1
DDRC_DurDeb.Com_tiCANBBusOffErrDebOk_C	1x1
DDRC_DurDeb.Com_tiCANBBusOffErrDebDef_C	1x1
DDRC_DurDeb.Com_tiCANBBusOffErrDebDef_C	1x1
DDRC_DurDeb.Com_tiCANCBusOffErrDebOk_C	1x1
DDRC_DurDeb.Com_tiCANCBusOffErrDebOk_C	1x1
DDRC_DurDeb.Com_tiCANCBusOffErrDebDef_C	1x1
DDRC_DurDeb.Com_tiCANCBusOffErrDebDef_C	1x1
DDRC_DurDeb.Com_tiConvBoostErrDebOk_C	1x1
DDRC_DurDeb.Com_tiConvBoostErrDebOk_C	1x1
DDRC_DurDeb.Com_tiConvBoostErrDebOk_C	1x1
DDRC_DurDeb.Com_tiConvBoostErrDebDef_C	1x1
DDRC_DurDeb.Com_tiConvBoostErrDebDef_C	1x1
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DDRC_DurDeb.Com_tiEAT10ChkSumDebOk_C	1x1
DDRC_DurDeb.Com_tiEAT10ChkSumDebDef_C	1x1
DDRC_DurDeb.Com_tiEAT10ChkSumDebDef_C	1x1
DDRC_DurDeb.Com_tiEAT10RingCntDebOk_C	1x1
DDRC_DurDeb.Com_tiEAT10RingCntDebOk_C	1x1
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DDRC_DurDeb.Com_tiEAT10RingCntDebDef_C	1x1
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DDRC_DurDeb.Com_tiEAT10TOutDebOk_C	1x1
DDRC_DurDeb.Com_tiEAT10TOutDebDef_C	1x1
DDRC_DurDeb.Com_tiEAT10TOutDebDef_C	1x1
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DDRC_DurDeb.Com_tiEAT2BATErr4DebDef_C	1x1
DDRC_DurDeb.Com_tiEAT2BATErr4DebDef_C	1x1
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DDRC_DurDeb.Com_tiMETItiDebDebOk_C	1x1
DDRC_DurDeb.Com_tiMETItiDebDebDef_C	1x1
DDRC_DurDeb.Com_tiMETItiDebDebDef_C	1x1
DDRC_DurDeb.Com_tiMETKCSumDebOk_C	1x1
DDRC_DurDeb.Com_tiMETKCSumDebOk_C	1x1
DDRC_DurDeb.Com_tiMETKCSumDebDef_C	1x1
DDRC_DurDeb.Com_tiMETKCSumDebDef_C	1x1
DDRC_DurDeb.Com_tiMETKctRingDebOk_C	1x1
DDRC_DurDeb.Com_tiMETKctRingDebOk_C	1x1
DDRC_DurDeb.Com_tiMETKctRingDebDef_C	1x1
DDRC_DurDeb.Com_tiMETKctRingDebDef_C	1x1
DDRC_DurDeb.Com_tiMETKtiDebDebOk_C	1x1
DDRC_DurDeb.Com_tiMETKtiDebDebOk_C	1x1
DDRC_DurDeb.Com_tiMETKtiDebDebDef_C	1x1
DDRC_DurDeb.Com_tiMETKtiDebDebDef_C	1x1
DDRC_DurDeb.Com_tiMETLCSumDebOk_C	1x1
DDRC_DurDeb.Com_tiMETLCSumDebOk_C	1x1
DDRC_DurDeb.Com_tiMETLCSumDebDef_C	1x1
DDRC_DurDeb.Com_tiMETLCSumDebDef_C	1x1
DDRC_DurDeb.Com_tiMETLRingCntrDebOk_C	1x1
DDRC_DurDeb.Com_tiMETLRingCntrDebOk_C	1x1
DDRC_DurDeb.Com_tiMETLRingCntrDebDef_C	1x1
DDRC_DurDeb.Com_tiMETLRingCntrDebDef_C	1x1
DDRC_DurDeb.Com_tiMETLToutDebOk_C	1x1
DDRC_DurDeb.Com_tiMETLToutDebOk_C	1x1
DDRC_DurDeb.Com_tiMETLToutDebDef_C	1x1
DDRC_DurDeb.Com_tiMETLToutDebDef_C	1x1
DDRC_DurDeb.Com_tiMETMCSumDebOk_C	1x1
DDRC_DurDeb.Com_tiMETMCSumDebOk_C	1x1
DDRC_DurDeb.Com_tiMETMCSumDebDef_C	1x1
DDRC_DurDeb.Com_tiMETMCSumDebDef_C	1x1
DDRC_DurDeb.Com_tiMETMRingCntrDebOk_C	1x1
DDRC_DurDeb.Com_tiMETMRingCntrDebOk_C	1x1
DDRC_DurDeb.Com_tiMETMRingCntrDebDef_C	1x1
DDRC_DurDeb.Com_tiMETMRingCntrDebDef_C	1x1
DDRC_DurDeb.Com_tiMETMToutDebOk_C	1x1
DDRC_DurDeb.Com_tiMETMToutDebOk_C	1x1
DDRC_DurDeb.Com_tiMETMToutDebDef_C	1x1

DDRC_DurDeb.Com_tiMETMToutDebDef_C	1x1
DDRC_DurDeb.Com_tiMETNCSumDebOk_C	1x1
DDRC_DurDeb.Com_tiMETNCSumDebOk_C	1x1
DDRC_DurDeb.Com_tiMETNCSumDebDef_C	1x1
DDRC_DurDeb.Com_tiMETNCSumDebDef_C	1x1
DDRC_DurDeb.Com_tiMETNRingCntrDebOk_C	1x1
DDRC_DurDeb.Com_tiMETNRingCntrDebOk_C	1x1
DDRC_DurDeb.Com_tiMETNRingCntrDebDef_C	1x1
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DDRC_DurDeb.Com_tiMETNToutDebDef_C	1x1
DDRC_DurDeb.Com_tiMETNToutDebDef_C	1x1
DDRC_DurDeb.Com_tiMETctRingDebOk_C	1x1
DDRC_DurDeb.Com_tiMETctRingDebOk_C	1x1
DDRC_DurDeb.Com_tiMETctRingDebDef_C	1x1
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DDRC_DurDeb.Com_tiSRSBCSumDebDef_C	1x1
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DDRC_DurDeb.Com_tiTqCnvrSlipErrDebDef_C	1x1
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DDRC_DurDeb.Ebs_tiChartcCurrErrDebDef_C	1x1
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DDRC_DurDeb.Ebs_tiSelfDiagErrDebOk_C	1x1
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DDRC_DurDeb.EnvT_DD_tiSigDebOk_C	1x1
DDRC_DurDeb.EnvT_DD_tiSigDebDef_C	1x1
DDRC_DurDeb.EnvT_DD_tiSigDebDef_C	1x1
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DDRC_DurDeb.MonUMaxSupply1DebOk_C	1x1
DDRC_DurDeb.MonUMaxSupply1DebDef_C	1x1
DDRC_DurDeb.MonUMaxSupply1DebDef_C	1x1
DDRC_DurDeb.MonUMinSupply1DebOk_C	1x1
DDRC_DurDeb.MonUMinSupply1DebOk_C	1x1
DDRC_DurDeb.MonUMinSupply1DebDef_C	1x1
DDRC_DurDeb.MonUMinSupply1DebDef_C	1x1
DDRC_DurDeb.OilP_tiLowPresDebOk_C	1x1
DDRC_DurDeb.OilP_tiLowPresDebOk_C	1x1
DDRC_DurDeb.OilP_tiLowPresDebDef_C	1x1
DDRC_DurDeb.OilP_tiLowPresDebDef_C	1x1
DDRC_DurDeb.Oil_tiOilAbnormErrDebOk_C	1x1
DDRC_DurDeb.Oil_tiOilAbnormErrDebOk_C	1x1
DDRC_DurDeb.Oil_tiOilAbnormErrDebDef_C	1x1
DDRC_DurDeb.Oil_tiOilAbnormErrDebDef_C	1x1
DDRC_DurDeb.Oil_tiOilErrDebOk_C	1x1
DDRC_DurDeb.Oil_tiOilErrDebOk_C	1x1
DDRC_DurDeb.Oil_tiOilErrDebDef_C	1x1
DDRC_DurDeb.Oil_tiOilErrDebDef_C	1x1
DDRC_DurDeb.PEnv_tiSigRngChkDebOk_C	1x1
DDRC_DurDeb.PEnv_tiSigRngChkDebOk_C	1x1
DDRC_DurDeb.PEnv_tiSigRngChkDebDef_C	1x1
DDRC_DurDeb.PEnv_tiSigRngChkDebDef_C	1x1
DDRC_DurDeb.Pmd_tiPeriMonErrorDebOk_C	1x1
DDRC_DurDeb.Pmd_tiPeriMonErrorDebDef_C	1x1
DDRC_DurDeb.Strt_tiATRlystkOffDebOk_C	1x1
DDRC_DurDeb.Strt_tiATRlystkOffDebOk_C	1x1
DDRC_DurDeb.Strt_tiATRlystkOffDebDef_C	1x1
DDRC_DurDeb.Strt_tiATRlystkOffDebDef_C	1x1
DDRC_DurDeb.Strt_tiATRlystkOnDebOk_C	1x1
DDRC_DurDeb.Strt_tiATRlystkOnDebOk_C	1x1

DDRC_DurDeb.Strt_tiATRlystkOnDebDef_C	1x1
DDRC_DurDeb.Strt_tiATRlystkOnDebDef_C	1x1
DDRC_DurDeb.Strt_tiCtOffPthDebOk_C	1x1
DDRC_DurDeb.Strt_tiCtOffPthDebOk_C	1x1
DDRC_DurDeb.Strt_tiCtOffPthDebDef_C	1x1
DDRC_DurDeb.Strt_tiCtOffPthDebDef_C	1x1
DDRC_DurDeb.Strt_tiCtlErrDebOk_C	1x1
DDRC_DurDeb.Strt_tiCtlErrDebOk_C	1x1
DDRC_DurDeb.Strt_tiCtlErrDebDef_C	1x1
DDRC_DurDeb.Strt_tiCtlErrDebDef_C	1x1
DDRC_DurDeb.Strt_tiFaultDebOk_C	1x1
DDRC_DurDeb.Strt_tiFaultDebOk_C	1x1
DDRC_DurDeb.Strt_tiFaultDebDef_C	1x1
DDRC_DurDeb.Strt_tiFaultDebDef_C	1x1
DDRC_DurDeb.Strt_tiStkRly1DebOk_C	1x1
DDRC_DurDeb.Strt_tiStkRly1DebOk_C	1x1
DDRC_DurDeb.Strt_tiStkRly1DebDef_C	1x1
DDRC_DurDeb.Strt_tiStkRly1DebDef_C	1x1
DDRC_DurDeb.Strt_tiStkRly2DebOk_C	1x1
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DDRC_DurDeb.Strt_tiStkRly2DebOk_C	1x1
DDRC_DurDeb.Strt_tiStkRly2DebDef_C	1x1
DDRC_DurDeb.Strt_tiStkRly2DebDef_C	1x1
DDRC_DurDeb.Strt_tiStmFaultDebOk_C	1x1
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DDRC_DurDeb.Strt_tiStmFaultDebDef_C	1x1
DDRC_DurDeb.Strt_tiStmFaultDebDef_C	1x1
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DDRC_DurDeb.VehV_tiPlaFcoDebOk_C	1x1
DDRC_DurDeb.VehV_tiPlaFcoDebOk_C	1x1
DDRC_DurDeb.VehV_tiPlaFcoDebDef_C	1x1
DDRC_DurDeb.VehV_tiPlaFcoDebDef_C	1x1
DDRC_DurDeb.VehV_tiPlaPwrDebOk_C	1x1
DDRC_DurDeb.VehV_tiPlaPwrDebOk_C	1x1
DDRC_DurDeb.VehV_tiPlaPwrDebDef_C	1x1
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DDRC_DurDeb.VehV_tiPlaV2NDebOk_C	1x1
DDRC_DurDeb.VehV_tiPlaV2NDebDef_C	1x1
DDRC_DurDeb.VehV_tiPlaV2NDebDef_C	1x1
DDRC_DurDeb.Clth_tiMaxDebOk_C	1x1
DDRC_DurDeb.Clth_tiMaxDebOk_C	1x1
DDRC_DurDeb.Clth_tiMaxDebDef_C	1x1
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DDRC_DurDeb.IgnClPs_numOpenLoad0DebDef_C	1x1
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DDRC_DurDeb.IgnClPs_numOpenLoad2DebDef_C	1x1
DDRC_DurDeb.IgnClPs_numOpenLoad3DebOk_C	1x1
DDRC_DurDeb.IgnClPs_numOpenLoad3DebOk_C	1x1
DDRC_DurDeb.IgnClPs_numOpenLoad3DebDef_C	1x1
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DDRC_DurDeb.IgnClPs_numShCirBatt3DebOk_C	1x1
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DDRC_DurDeb.IgnClPs_numShCirGnd3DebDef_C	1x1
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DDRC_DurDeb.KRVEKO_num_DebDef_CDebDef_C	1x1
DDRC_DurDeb.MfPsDia_numNonPlausDebOk_C	1x1
DDRC_DurDeb.MfPsDia_numNonPlausDebOk_C	1x1
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DDRC_DurDeb.MfPsDia_numNonPlausDebDef_C	1x1
DDRC_DurDeb.T50_numRetOLDebOk_C	1x1
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DDRC_DurDeb.T50_numRetSCBDebDef_C	1x1
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DDRC_DurDeb.T50_numSCBDebDef_C	1x1
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DDRC_DurDeb.UEGO_numASICDebOk_C	1x1
DDRC_DurDeb.UEGO_numASICDebDef_C	1x1
DDRC_DurDeb.UEGO_numASICDebDef_C	1x1
DDRC_DurDeb.UEGO_numOLDebOk_C	1x1
DDRC_DurDeb.UEGO_numOLDebOk_C	1x1
DDRC_DurDeb.UEGO_numOLDebDef_C	1x1
DDRC_DurDeb.UEGO_numOLDebDef_C	1x1
DDRC_DurDeb.UEGO_numSCBDebOk_C	1x1
DDRC_DurDeb.UEGO_numSCBDebOk_C	1x1
DDRC_DurDeb.UEGO_numSCBDebDef_C	1x1
DDRC_DurDeb.UEGO_numSCBDebDef_C	1x1
DDRC_DurDeb.UEGO_numSCGDebOk_C	1x1
DDRC_DurDeb.UEGO_numSCGDebOk_C	1x1
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DDRC_DurDeb.UEGO_numSCGDebDef_C	1x1
DDRC_DurDeb.UEGO_numSPIDebOk_C	1x1
DDRC_DurDeb.UEGO_numSPIDebOk_C	1x1
DDRC_DurDeb.UEGO_numSPIDebOk_C	1x1
DDRC_DurDeb.UEGO_numSPIDebDef_C	1x1
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DDRC_DurDeb.Uego_numDiagSnsrDebOk_C	1x1
DDRC_DurDeb.Uego_numDiagSnsrDebDef_C	1x1
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DDRC_DurDeb.MisfDet_tiVWhlOORDebOk_C	1x1
DDRC_DurDeb.MisfDet_tiVWhlOORDebDef_C	1x1
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DDRC_DurDeb.MisfDet_tiVWhlRatyDebOk_C	1x1
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DDRC_DurDeb.MisfDet_tiVWhlStuckDebOk_C	1x1
DDRC_DurDeb.MisfDet_tiVWhlStuckDebDef_C	1x1
DDRC_DurDeb.MisfDet_tiVWhlStuckDebDef_C	1x1

DDRC_DurDeb.PEnv_tiVDDiagDebOk_C	1x1
DDRC_DurDeb.PEnv_tiVDDiagDebOk_C	1x1
DDRC_DurDeb.PEnv_tiVDDiagDebDef_C	1x1
DDRC_DurDeb.PEnv_tiVDDiagDebDef_C	1x1
DDRC_DurDeb.UEGO_HeatrRlyPsDiag_tiOLDebOk_C	1x1
DDRC_DurDeb.UEGO_HeatrRlyPsDiag_tiOLDebOk_C	1x1
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DDRC_DurDeb.UEGO_HtrPSDia_tiSCBDebDef_C	1x1
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DDRC_DurDeb.UEGO_HtrPSDia_tiSCGDebOk_C	1x1
DDRC_DurDeb.UEGO_HtrPSDia_tiSCGDebDef_C	1x1
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DDRC_DurDeb.KnDet_numShCirDebDef_C	1x1
DDRC_DurDeb.KnDet_numShCirDebDef_C	1x1
DDRC_RatDeb.AirC_tiCmprOLUDRat_C	1x1
DDRC_RatDeb.AirC_tiCmprOLUDRat_C	1x1
DDRC_RatDeb.AirC_tiCmprOvrTempUDRat_C	1x1
DDRC_RatDeb.AirC_tiCmprOvrTempUDRat_C	1x1
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DDRC_RatDeb.Alt_tiErrUDRat_C	1x1
DDRC_RatDeb.Alt_tiErrUDRat_C	1x1
DDRC_RatDeb.BattU_tiMaxUDRat_C	1x1
DDRC_RatDeb.BattU_tiMaxUDRat_C	1x1
DDRC_RatDeb.BattU_tiMinUDRat_C	1x1
DDRC_RatDeb.BattU_tiMinUDRat_C	1x1
DDRC_RatDeb.DevLib_tiBattUHiUDRat_C	1x1
DDRC_RatDeb.DevLib_tiBattUHiUDRat_C	1x1
DDRC_RatDeb.DevLib_tiBattULoUDRat_C	1x1
DDRC_RatDeb.DevLib_tiBattULoUDRat_C	1x1
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DDRC_RatDeb.Fan_tiDIOOLUDRat_C	1x1
DDRC_RatDeb.Fan_tiDIOOvrTempUDRat_C	1x1
DDRC_RatDeb.Fan_tiDIOOvrTempUDRat_C	1x1
DDRC_RatDeb.Fan_tiDIOSCBUDRat_C	1x1
DDRC_RatDeb.Fan_tiDIOSCBUDRat_C	1x1
DDRC_RatDeb.Fan_tiDIOSCGUDRat_C	1x1
DDRC_RatDeb.Fan_tiDIOSCGUDRat_C	1x1
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DDRC_RatDeb.PSP_tiOvrTempUDRat_C	1x1
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DDRC_RatDeb.PSP_tiSCBUDRat_C	1x1
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DDRC_RatDeb.VehV_tiOTUDRat_C	1x1
DDRC_RatDeb.VehV_tiOTUDRat_C	1x1
DDRC_RatDeb.VehV_tiSCBUDRat_C	1x1
DDRC_RatDeb.VehV_tiSCBUDRat_C	1x1
DDRC_RatDeb.VehV_tiSCGUDRat_C	1x1
DDRC_RatDeb.VehV_tiSCGUDRat_C	1x1
DDRC_RatDeb.VlvLft_tiFbSwtExh11SpclFailUDRat_C	1x1
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DDRC_RatDeb.VlvLft_tiFbSwtExh11StdFailUDRat_C	1x1
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DDRC_RatDeb.DDHFHD_numDhfDebDef_CUDRat_C	1x1
DDRC_RatDeb.InjVlv_numNoLdUDRat_C	1x1
DDRC_RatDeb.InjVlv_numNoLdUDRat_C	1x1
DDRC_RatDeb.InjVlv_numScBnkUDRat_C	1x1
DDRC_RatDeb.InjVlv_numScBnkUDRat_C	1x1
DDRC_RatDeb.InjVlv_numScCylUDRat_C	1x1
DDRC_RatDeb.InjVlv_numScCylUDRat_C	1x1
DDRC_RatDeb.InjVlv_numScHsLsUDRat_C	1x1
DDRC_RatDeb.InjVlv_numScHsLsUDRat_C	1x1
DDRC_RatDeb.MfPsDia_numOpenLoadUDRat_C	1x1
DDRC_RatDeb.MfPsDia_numOpenLoadUDRat_C	1x1
DDRC_RatDeb.MfPsDia_numScHiSUDRat_C	1x1

DDRC_RatDeb.MfPsDia_numScHiSUDRat_C	1x1
DDRC_RatDeb.MfPsDia_numScHiSLowSUDRat_C	1x1
DDRC_RatDeb.MfPsDia_numScHiSLowSUDRat_C	1x1
DDRC_RatDeb.MfPsDia_numScLowSUDRat_C	1x1
DDRC_RatDeb.MfPsDia_numScLowSUDRat_C	1x1
DDRC_RatDeb.ACEvpT_tiPhysRngHiUDRat_C	1x1
DDRC_RatDeb.ACEvpT_tiPhysRngHiUDRat_C	1x1
DDRC_RatDeb.ACEvpT_tiPhysRngLoUDRat_C	1x1
DDRC_RatDeb.ACEvpT_tiPhysRngLoUDRat_C	1x1
DDRC_RatDeb.ACEvpT_tiSRCMaxUDRat_C	1x1
DDRC_RatDeb.ACEvpT_tiSRCMaxUDRat_C	1x1
DDRC_RatDeb.ACEvpT_tiSRCMinUDRat_C	1x1
DDRC_RatDeb.ACEvpT_tiSRCMinUDRat_C	1x1
DDRC_RatDeb.AirC_tiCIntSRCMaxUDRat_C	1x1
DDRC_RatDeb.AirC_tiCIntSRCMaxUDRat_C	1x1
DDRC_RatDeb.AirC_tiCIntSRCMinUDRat_C	1x1
DDRC_RatDeb.AirC_tiCIntSRCMinUDRat_C	1x1
DDRC_RatDeb.AirC_tiSwtNplUDRat_C	1x1
DDRC_RatDeb.AirC_tiSwtNplUDRat_C	1x1
DDRC_RatDeb.AirC_tiSwtSigUDRat_C	1x1
DDRC_RatDeb.AirC_tiSwtSigUDRat_C	1x1
DDRC_RatDeb.AirC_tiSwtSigUDRat_C	1x1
DDRC_RatDeb.AirC_tiSwtSigUDRat_C	1x1
DDRC_RatDeb.BrkBstP_tiSCBUDRat_C	1x1
DDRC_RatDeb.BrkBstP_tiSCBUDRat_C	1x1
DDRC_RatDeb.BrkBstP_tiSCGUDRat_C	1x1
DDRC_RatDeb.BrkBstP_tiSCGUDRat_C	1x1
DDRC_RatDeb.BrkP_tiPhysRngHiUDRat_C	1x1
DDRC_RatDeb.BrkP_tiPhysRngHiUDRat_C	1x1
DDRC_RatDeb.BrkP_tiPhysRngLoUDRat_C	1x1
DDRC_RatDeb.BrkP_tiPhysRngLoUDRat_C	1x1
DDRC_RatDeb.Brk_tiUDRat_C	1x1
DDRC_RatDeb.Brk_tiUDRat_C	1x1
DDRC_RatDeb.Brk_tiSigUDRat_C	1x1
DDRC_RatDeb.Brk_tiSigUDRat_C	1x1
DDRC_RatDeb.Clth_tiSigUDRat_C	1x1
DDRC_RatDeb.Clth_tiSigUDRat_C	1x1
DDRC_RatDeb.EngSpd_tiOLUDRat_C	1x1
DDRC_RatDeb.EngSpd_tiOLUDRat_C	1x1
DDRC_RatDeb.EngSpd_tiOTUDRat_C	1x1
DDRC_RatDeb.EngSpd_tiOTUDRat_C	1x1
DDRC_RatDeb.EngSpd_tiSCBUDRat_C	1x1
DDRC_RatDeb.EngSpd_tiSCBUDRat_C	1x1
DDRC_RatDeb.EngSpd_tiSCGUDRat_C	1x1
DDRC_RatDeb.EngSpd_tiSCGUDRat_C	1x1
DDRC_RatDeb.GbxNPos_tiSigUDRat_C	1x1
DDRC_RatDeb.GbxNPos_tiSigUDRat_C	1x1
DDRC_RatDeb.HLSDem_tiOvhtUDRat_C	1x1
DDRC_RatDeb.HLSDem_tiOvhtUDRat_C	1x1
DDRC_RatDeb.Oil_tiSRCMaxPSwmpUDRat_C	1x1
DDRC_RatDeb.Oil_tiSRCMaxPSwmpUDRat_C	1x1
DDRC_RatDeb.Oil_tiSRCMinPSwmpUDRat_C	1x1
DDRC_RatDeb.Oil_tiSRCMinPSwmpUDRat_C	1x1
DDRC_RatDeb.Oil_tiSRCMinPSwmpUDRat_C	1x1
DDRC_RatDeb.Oil_tiSRCMinPSwmpUDRat_C	1x1
DDRC_RatDeb.VehV_tiPhysRngHiUDRat_C	1x1
DDRC_RatDeb.VehV_tiPhysRngHiUDRat_C	1x1
DDRC_RatDeb.VehV_tiPhysRngLoUDRat_C	1x1
DDRC_RatDeb.VehV_tiPhysRngLoUDRat_C	1x1
DDRC_RatDeb.VehV_tiSigCanUDRat_C	1x1
DDRC_RatDeb.VehV_tiSigCanUDRat_C	1x1
DDRC_RatDeb.VehV_tiSigCanSafeUDRat_C	1x1
DDRC_RatDeb.VehV_tiSigCanSafeUDRat_C	1x1
DDRC_RatDeb.Clth_numPlaUDRat_C	1x1
DDRC_RatDeb.Clth_numPlaUDRat_C	1x1
DDRC_RatDeb.MRly_numSCGUDRat_C	1x1
DDRC_RatDeb.MRly_numSCGUDRat_C	1x1
min threshold for fra mixture deviation	1x1
max threshold for fra mixture deviation	1x1
min threshold for ora mixture deviation	1x1
max threshold for ora mixture deviation	1x1
debounce time to reset DFC_MDCatCrit	1x1
Maximum threshold for ctrrdytldx to set the readiness bit	1x1
Delta backup value for pressure upstream throttle valve	1x1
Minimum distance to min. efficiency by switch HSP-HOM (for cat. heat.)	1x1
Calibration parameter to select the Digital out signal for which the debugging information is to be updated into the measuring points	1x1
Structure containing hysterisis limits for battery voltage correction factor / Lower hysterisis limit for battery correction factor LOW.	1x1
Structure containing hysterisis limits for battery voltage correction factor / Higher hysterisis limit for battery correction factor LOW.	1x1
Structure containing hysterisis limits for battery voltage correction factor / Lower hysterisis limit for battery correction factor HIGH.	1x1
Structure containing hysterisis limits for battery voltage correction factor / Higher hysterisis limit for battery correction factor HIGH.	1x1
Calibration parameter to select the PWM out signal for which the debugging information is to be updated into the measuring points	1x1
Structure containing hysterisis check for battery voltage LOW/HIGH / Lower limit for battery voltage LOW hysterisis check.	1x1
Structure containing hysterisis check for battery voltage LOW/HIGH / Higher limit for battery voltage LOW hysterisis check	1x1
Structure containing hysterisis check for battery voltage LOW/HIGH / Lower limit for battery voltage HIGH hysterisis check	1x1
Structure containing hysterisis check for battery voltage LOW/HIGH / Upper limit for battery voltage HIGH hysterisis check	1x1
Structure containing hysterisis check for battery voltage LOW/HIGH / Lower limit for battery voltage HIGH hysterisis check	1x1
Structure containing hysterisis check for battery voltage LOW/HIGH / Upper limit for battery voltage HIGH hysterisis check	1x1
Instance of dew point end class of sensor 1 at bank 1 / map heat quantity threshold for dew-point end	10x10
Instance of dew point end class of sensor 1 at bank 1 / Corrective characteristic for heat quantity while catalyst heating without thermal reaction sensor	10x1
Instance of dew point end class of sensor 1 at bank 1 / corrective characteristic for heat quantity while catalyst heating sensor	10x1
Instance of dew point end class of sensor 1 at bank 1 / weighting accumulated heat quantity (last trip) of sensor dependent on turn off time	8x1
Instance of dew point end class of sensor 1 at bank 1 / factor reduction of temperature of sensor = f(stop time)	6x1
Instance of dew point end class of sensor 1 at bank 1 / factor reduction of temperature of sensor = f(stop time) in stop phase	6x1
Instance of dew point end class of sensor 1 at bank 1 / Corrective characteristic for integrated heat quantity sensor dependent on mass flow exhaust gas	8x1
Instance of dew point end class of sensor 1 at bank 1 / factor reduction heat quantity during engine stop sensor dt independent	1x1
Instance of dew point end class of sensor 1 at bank 1 / factor heat quantity at repeated cold starts for dew-point end	1x1
Instance of dew point end class of sensor 1 at bank 1 / value for repeated cold start counter at powerfail	1x1
Instance of dew point end class of sensor 1 at bank 1 / maximum cold start counter of sensor for dew point end	1x1
Instance of dew point end class of sensor 1 at bank 1 / map minimum ratio heat-quantity to threshold for unchanged cold start counter sensor	4x1
Instance of dew point end class of sensor 1 at bank 1 / threshold current energy input for dew-point end reset if dew-point end of sensor set	4x1
Instance of dew point end class of sensor 1 at bank 1 / threshold current energy input for dew-point end reset	4x1
Instance of dew point end class of sensor 1 at bank 1 / temperature threshold for reset condition dew point end of sensor at engine stop	1x1
Instance of dew point end class of sensor 1 at bank 1 / minimum exhaust gas temperature sensor at which water still evaporates at idle	1x1
Instance of dew point end class of sensor 1 at bank 1 / representative wall temperature for heat quantity calculation sensor	1x1
Instance of dew point end class of sensor 1 at bank 1 / time delay to reset the heat quantity integrator at engine stop	1x1

Instance of dew point end class of sensor 1 at bank 1 / time delay to reset the heat quantity integrator	1x1
Instance of dew point end class of sensor 2 at bank 1 / map heat quantity threshold for dew-point end	10x1(
Instance of dew point end class of sensor 2 at bank 1 / Corrective characteristic for heat quantity while catalyst heating without thermal reaction sensor	10x1
Instance of dew point end class of sensor 2 at bank 1 / corrective characteristic for heat quantity while catalyst heating sensor	10x1
Instance of dew point end class of sensor 2 at bank 1 / weighting accumulated heat quantity (last trip) of sensor dependent on turn off time	8x1
Instance of dew point end class of sensor 2 at bank 1 / factor reduction of temperature of sensor = f(stop time)	6x1
Instance of dew point end class of sensor 2 at bank 1 / factor reduction of temperature of sensor = f(stop time) in stop phase	6x1
Instance of dew point end class of sensor 2 at bank 1 / Corrective characteristic for integrated heat quantity sensor dependent on mass flow exhaust gas	8x1
Instance of dew point end class of sensor 2 at bank 1 / factor reduction heat quantity during engine stop sensor dt independent	1x1
Instance of dew point end class of sensor 2 at bank 1 / factor heat quantity at repeated cold starts for dew-point end	1x1
Instance of dew point end class of sensor 2 at bank 1 / value for repeated cold start counter at powerfail	1x1
Instance of dew point end class of sensor 2 at bank 1 / maximum cold start counter of sensor for dew point end	1x1
Instance of dew point end class of sensor 2 at bank 1 / map minimum ratio heat-quantity to threshold for unchanged cold start counter sensor	4x1
Instance of dew point end class of sensor 2 at bank 1 / threshold current energy input for dew-point end reset if dew-point end of sensor set	4x1
Instance of dew point end class of sensor 2 at bank 1 / threshold current energy input for dew-point end reset	4x1
Instance of dew point end class of sensor 2 at bank 1 / temperature threshold for reset condition dew point end of sensor at engine stop	1x1
Instance of dew point end class of sensor 2 at bank 1 / minimum exhaust gas temperature sensor at which water still evaporates at idle	1x1
Instance of dew point end class of sensor 2 at bank 1 / representative wall temperature for heat quantity calculation sensor	1x1
Instance of dew point end class of sensor 2 at bank 1 / time delay to reset the heat quantity integrator at engine stop	1x1
Instance of dew point end class of sensor 2 at bank 1 / time delay to reset the heat quantity integrator	1x1
code word block to activate sensor specific dew point end features for sensors of bank 1	2x1
Instance of dew point end class of sensor 2 at bank 1 / time delay to reset the heat quantity integrator	1x1
code word block to activate sensor specific dew point end features for sensors of bank 1	2x1
Code word to activate features to determination for dew point end	1x1
Codeword usage of engine turn off time for dew point end detection	1x1
temperature threshold engine start temperature for setting of condition for calculation accumulation of heat-quantity	1x1
minimum ambient temperature for setting of condition for calculation accumulation of heat-quantity	1x1
delay time at engine stop	1x1
maximum switch off time for logic cold start counter	1x1
switch off time up to cold start can be assumed for logic cold start counter	1x1
turn off delay for flag current energy input lower threshold sensor or fuel cut-off	1x1
minumum ambient temperature for logic cold start counter	1x1
Threshold of fast adjust. as of multiplicative throttle valve adapt. steady	1x1
Threshold of the fast adjust. as of the offset throttle valve adapt. steady	1x1
DFC_CtlMsk.DFC_Unused_C	1x1
DFC_CtlMsk.DFC_ATRlyStkOffErr_C	1x1
DFC_CtlMsk.DFC_ATRlyStkOnErr_C	1x1
DFC_CtlMsk.DFC_AltlOACGFailr_C	1x1
DFC_CtlMsk.DFC_AltlOACGHiVltg_C	1x1
DFC_CtlMsk.DFC_AltlOACGLoVltg_C	1x1
DFC_CtlMsk.DFC_AltlOACGTHi_C	1x1
DFC_CtlMsk.DFC_AltlODConnACG_C	1x1
DFC_CtlMsk.DFC_BrkBstPDriftHiErr_C	1x1
DFC_CtlMsk.DFC_BrkBstPDriftLoErr_C	1x1
DFC_CtlMsk.DFC_BrkBstPSnsrStuck_C	1x1
DFC_CtlMsk.DFC_BrkMnSwtContOn_C	1x1
DFC_CtlMsk.DFC_BrkMnSwtNotStp_C	1x1
DFC_CtlMsk.DFC_BrkNpl_C	1x1
DFC_CtlMsk.DFC_BrkRdntSwtContOn_C	1x1
DFC_CtlMsk.DFC_BrkRdntSwtNotStp_C	1x1
DFC_CtlMsk.DFC_Clth3ONStuck_C	1x1
DFC_CtlMsk.DFC_Clth4OFFStuck_C	1x1
DFC_CtlMsk.DFC_ClthOFFStuck_C	1x1
DFC_CtlMsk.DFC_ClthONStuck_C	1x1
DFC_CtlMsk.DFC_ClthStkFailInfo_C	1x1
DFC_CtlMsk.DFC_ComABSWrn_C	1x1
DFC_CtlMsk.DFC_ComACCAChksum_C	1x1
DFC_CtlMsk.DFC_ComACCADLC_C	1x1
DFC_CtlMsk.DFC_ComACCARingCnt_C	1x1
DFC_CtlMsk.DFC_ComACCATOut_C	1x1
DFC_CtlMsk.DFC_ComACCBChkSum_C	1x1
DFC_CtlMsk.DFC_ComACCBRingCnt_C	1x1
DFC_CtlMsk.DFC_ComACCBTOut_C	1x1
DFC_CtlMsk.DFC_ComACCChkSum_C	1x1
DFC_CtlMsk.DFC_ComACCRingCnt_C	1x1
DFC_CtlMsk.DFC_ComACCTOut_C	1x1
DFC_CtlMsk.DFC_ComACFailInfo_C	1x1
DFC_CtlMsk.DFC_ComADSChkSum_C	1x1
DFC_CtlMsk.DFC_ComADSRingCnt_C	1x1
DFC_CtlMsk.DFC_ComADSTOut_C	1x1
DFC_CtlMsk.DFC_ComATErr4_C	1x1
DFC_CtlMsk.DFC_ComATGearInfoErr_C	1x1
DFC_CtlMsk.DFC_ComATISS_C	1x1
DFC_CtlMsk.DFC_ComAWDChksum_C	1x1
DFC_CtlMsk.DFC_ComAWDMechFail_C	1x1
DFC_CtlMsk.DFC_ComAWDRingCnt_C	1x1
DFC_CtlMsk.DFC_ComAWDTOut_C	1x1
DFC_CtlMsk.DFC_ComAYCAChksum_C	1x1
DFC_CtlMsk.DFC_ComAYCARingCnt_C	1x1
DFC_CtlMsk.DFC_ComAYCATOut_C	1x1
DFC_CtlMsk.DFC_ComAYCBChkSum_C	1x1
DFC_CtlMsk.DFC_ComAYCBRingCnt_C	1x1
DFC_CtlMsk.DFC_ComAYCBTOut_C	1x1
DFC_CtlMsk.DFC_ComAYCCtlErr_C	1x1
DFC_CtlMsk.DFC_ComAYCDChkSum_C	1x1
DFC_CtlMsk.DFC_ComAYCDTOut_C	1x1
DFC_CtlMsk.DFC_ComAYCFChksum_C	1x1
DFC_CtlMsk.DFC_ComAYCFCtlErr_C	1x1
DFC_CtlMsk.DFC_ComAYCFRingCnt_C	1x1
DFC_CtlMsk.DFC_ComAYCFTOut_C	1x1
DFC_CtlMsk.DFC_ComAirEnvT_C	1x1
DFC_CtlMsk.DFC_ComApcChksum_C	1x1
DFC_CtlMsk.DFC_ComApcRingCnt_C	1x1
DFC_CtlMsk.DFC_ComApcTOut_C	1x1
DFC_CtlMsk.DFC_ComBB10TOut_C	1x1
DFC_CtlMsk.DFC_ComBB1TOut_C	1x1
DFC_CtlMsk.DFC_ComBB2TOut_C	1x1
DFC_CtlMsk.DFC_ComCANABusOffErr_C	1x1
DFC_CtlMsk.DFC_ComCANBBusOffErr_C	1x1
DFC_CtlMsk.DFC_ComCANCBusOffErr_C	1x1
DFC_CtlMsk.DFC_ComConvBoostErr_C	1x1

DFC_CtlMsk.DFC_ComDCDCInpErr1_C	1x1
DFC_CtlMsk.DFC_ComDCDCInpErr2_C	1x1
DFC_CtlMsk.DFC_ComDCDCIntErr_C	1x1
DFC_CtlMsk.DFC_ComDCDCOutpErr1_C	1x1
DFC_CtlMsk.DFC_ComDCDCOutpErr2_C	1x1
DFC_CtlMsk.DFC_ComDCDCTempWarn1_C	1x1
DFC_CtlMsk.DFC_ComDCDCTempWarn2_C	1x1
DFC_CtlMsk.DFC_ComEAT10Chksum_C	1x1
DFC_CtlMsk.DFC_ComEAT10RingCnt_C	1x1
DFC_CtlMsk.DFC_ComEAT10TOut_C	1x1
DFC_CtlMsk.DFC_ComEAT2ChkSum_C	1x1
DFC_CtlMsk.DFC_ComEAT2RingCnt_C	1x1
DFC_CtlMsk.DFC_ComEAT2TOut_C	1x1
DFC_CtlMsk.DFC_ComEAT4ChkSum_C	1x1
DFC_CtlMsk.DFC_ComEAT4RingCnt_C	1x1
DFC_CtlMsk.DFC_ComEAT4TOut_C	1x1
DFC_CtlMsk.DFC_ComEAT5ChkSum_C	1x1
DFC_CtlMsk.DFC_ComEAT5RingCnt_C	1x1
DFC_CtlMsk.DFC_ComEAT5TOut_C	1x1
DFC_CtlMsk.DFC_ComEAT6Chksum_C	1x1
DFC_CtlMsk.DFC_ComEAT6RingCnt_C	1x1
DFC_CtlMsk.DFC_ComEAT6TOut_C	1x1
DFC_CtlMsk.DFC_ComEAT9Chksum_C	1x1
DFC_CtlMsk.DFC_ComEAT9RingCnt_C	1x1
DFC_CtlMsk.DFC_ComEAT9TOut_C	1x1
DFC_CtlMsk.DFC_ComEATAChksum_C	1x1
DFC_CtlMsk.DFC_ComEATARingCnt_C	1x1
DFC_CtlMsk.DFC_ComEATATOut_C	1x1
DFC_CtlMsk.DFC_ComEATBChkSum_C	1x1
DFC_CtlMsk.DFC_ComEATBRingCnt_C	1x1
DFC_CtlMsk.DFC_ComEATBTOut_C	1x1
DFC_CtlMsk.DFC_ComEATErr_C	1x1
DFC_CtlMsk.DFC_ComEBSSelfDiagErr_C	1x1
DFC_CtlMsk.DFC_ComEPBChksum_C	1x1
DFC_CtlMsk.DFC_ComEPBTOut_C	1x1
DFC_CtlMsk.DFC_ComEPBctRing_C	1x1
DFC_CtlMsk.DFC_ComEPS1Chksum_C	1x1
DFC_CtlMsk.DFC_ComEPS1RingCnt_C	1x1
DFC_CtlMsk.DFC_ComEPS1TOut_C	1x1
DFC_CtlMsk.DFC_ComEPSChksum_C	1x1
DFC_CtlMsk.DFC_ComEPSRingCnt_C	1x1
DFC_CtlMsk.DFC_ComEPSTOut_C	1x1
DFC_CtlMsk.DFC_ComEVPChksum_C	1x1
DFC_CtlMsk.DFC_ComEVPRingCnt_C	1x1
DFC_CtlMsk.DFC_ComEVPTOut_C	1x1
DFC_CtlMsk.DFC_ComIDASBChksum_C	1x1
DFC_CtlMsk.DFC_ComIDASBRingCnt_C	1x1
DFC_CtlMsk.DFC_ComIDASBTOut_C	1x1
DFC_CtlMsk.DFC_ComISSPrms_C	1x1
DFC_CtlMsk.DFC_ComMETAChksum_C	1x1
DFC_CtlMsk.DFC_ComMETARingCnt_C	1x1
DFC_CtlMsk.DFC_ComMETATOut_C	1x1
DFC_CtlMsk.DFC_ComMETBChksum_C	1x1
DFC_CtlMsk.DFC_ComMETBRingCnt_C	1x1
DFC_CtlMsk.DFC_ComMETBTOut_C	1x1
DFC_CtlMsk.DFC_ComMETCChksum_C	1x1
DFC_CtlMsk.DFC_ComMETCRingCnt_C	1x1
DFC_CtlMsk.DFC_ComMETCTOut_C	1x1
DFC_CtlMsk.DFC_ComMETDChksum_C	1x1
DFC_CtlMsk.DFC_ComMETDRingCnt_C	1x1
DFC_CtlMsk.DFC_ComMETDTOut_C	1x1
DFC_CtlMsk.DFC_ComMETE2Chksum_C	1x1
DFC_CtlMsk.DFC_ComMETE2RingCnt_C	1x1
DFC_CtlMsk.DFC_ComMETE2TOut_C	1x1
DFC_CtlMsk.DFC_ComMETEChksum_C	1x1
DFC_CtlMsk.DFC_ComMETERingCnt_C	1x1
DFC_CtlMsk.DFC_ComMETETOut_C	1x1
DFC_CtlMsk.DFC_ComMETFChksum_C	1x1
DFC_CtlMsk.DFC_ComMETFRingCnt_C	1x1
DFC_CtlMsk.DFC_ComMETFTOut_C	1x1
DFC_CtlMsk.DFC_ComMETGChksum_C	1x1
DFC_CtlMsk.DFC_ComMETGRingCnt_C	1x1
DFC_CtlMsk.DFC_ComMETGTOut_C	1x1
DFC_CtlMsk.DFC_ComMETH2Chksum_C	1x1
DFC_CtlMsk.DFC_ComMETH2RingCnt_C	1x1
DFC_CtlMsk.DFC_ComMETH2TOut_C	1x1
DFC_CtlMsk.DFC_ComMETHChksum_C	1x1
DFC_CtlMsk.DFC_ComMETHRingCnt_C	1x1
DFC_CtlMsk.DFC_ComMETHTOut_C	1x1
DFC_CtlMsk.DFC_ComMETIChksum_C	1x1
DFC_CtlMsk.DFC_ComMETIRingCnt_C	1x1
DFC_CtlMsk.DFC_ComMETITOut_C	1x1
DFC_CtlMsk.DFC_ComMETKChksum_C	1x1
DFC_CtlMsk.DFC_ComMETKRingCnt_C	1x1
DFC_CtlMsk.DFC_ComMETKTOut_C	1x1
DFC_CtlMsk.DFC_ComMETLChksum_C	1x1
DFC_CtlMsk.DFC_ComMETLRingCnt_C	1x1
DFC_CtlMsk.DFC_ComMETLTOut_C	1x1
DFC_CtlMsk.DFC_ComMETMChksum_C	1x1
DFC_CtlMsk.DFC_ComMETMRingCnt_C	1x1
DFC_CtlMsk.DFC_ComMETMTOut_C	1x1
DFC_CtlMsk.DFC_ComMETNChksum_C	1x1
DFC_CtlMsk.DFC_ComMETNRingCnt_C	1x1
DFC_CtlMsk.DFC_ComMETNTOut_C	1x1
DFC_CtlMsk.DFC_ComMtrCom_C	1x1
DFC_CtlMsk.DFC_ComMtrEva_C	1x1
DFC_CtlMsk.DFC_ComPCUChkSum_C	1x1
DFC_CtlMsk.DFC_ComPCURingCnt_C	1x1
DFC_CtlMsk.DFC_ComPCUTOut_C	1x1

DFC_CtlMsk.DFC_ComSRSAChksum_C	1x1
DFC_CtlMsk.DFC_ComSRSARingCnt_C	1x1
DFC_CtlMsk.DFC_ComSRSATOut_C	1x1
DFC_CtlMsk.DFC_ComSRSActive_C	1x1
DFC_CtlMsk.DFC_ComSRSBChksum_C	1x1
DFC_CtlMsk.DFC_ComSRSBRingCnt_C	1x1
DFC_CtlMsk.DFC_ComSRSBTOut_C	1x1
DFC_CtlMsk.DFC_ComSRSChksum_C	1x1
DFC_CtlMsk.DFC_ComSRSErr_C	1x1
DFC_CtlMsk.DFC_ComSRSRingCnt_C	1x1
DFC_CtlMsk.DFC_ComSRSTOut_C	1x1
DFC_CtlMsk.DFC_ComSWTCH1AlvCnt_C	1x1
DFC_CtlMsk.DFC_ComSWTCH1Chksum_C	1x1
DFC_CtlMsk.DFC_ComSWTCH1TOut_C	1x1
DFC_CtlMsk.DFC_ComTqCnvrSlipErr_C	1x1
DFC_CtlMsk.DFC_Cy150SpiCom_C	1x1
DFC_CtlMsk.DFC_Cy327SpiCom_C	1x1
DFC_CtlMsk.DFC_EbsChartcCurrErr_C	1x1
DFC_CtlMsk.DFC_EbsSelfDiagErr_C	1x1
DFC_CtlMsk.DFC_ElecLdSRCMax_C	1x1
DFC_CtlMsk.DFC_ElecLdSRCMin_C	1x1
DFC_CtlMsk.DFC_EnvTDef_C	1x1
DFC_CtlMsk.DFC_EnvTSig_C	1x1
DFC_CtlMsk.DFC_GEVlvPhaPsOpenLoadIntkB1_C	1x1
DFC_CtlMsk.DFC_GEVlvPhaPsOpenLoadOutlB1_C	1x1
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DFC_CtlMsk.DFC_GEVlvPhaPsShoToBattOutlB1_C	1x1
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DFC_CtlMsk.DFC_GbxNPos1SRCMax_C	1x1
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DFC_CtlMsk.DFC_GbxRevLckSCB_C	1x1
DFC_CtlMsk.DFC_GbxRevLckSCG_C	1x1
DFC_CtlMsk.DFC_GbxSleepErr_C	1x1
DFC_CtlMsk.DFC_GbxSpdPlausErr_C	1x1
DFC_CtlMsk.DFC_LinCSErrACG_C	1x1
DFC_CtlMsk.DFC_LinCSErrDCDC_C	1x1
DFC_CtlMsk.DFC_LinCSErrEBS_C	1x1
DFC_CtlMsk.DFC_LinFrameErrACG_C	1x1
DFC_CtlMsk.DFC_LinFrameErrDCDC_C	1x1
DFC_CtlMsk.DFC_LinFrameErrEBS_C	1x1
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DFC_CtlMsk.DFC_LinHdrTimeoutErrEBS_C	1x1
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DFC_CtlMsk.DFC_LinMsgTimeoutErrDCDC_C	1x1
DFC_CtlMsk.DFC_LinMsgTimeoutErrEBS_C	1x1
DFC_CtlMsk.DFC_LinNoStrtComErr_C	1x1
DFC_CtlMsk.DFC_LinOverrunErrACG_C	1x1
DFC_CtlMsk.DFC_LinOverrunErrDCDC_C	1x1
DFC_CtlMsk.DFC_LinOverrunErrEBS_C	1x1
DFC_CtlMsk.DFC_LinParityErr_C	1x1
DFC_CtlMsk.DFC_LowPresOilP_C	1x1
DFC_CtlMsk.DFC_METCSum_C	1x1
DFC_CtlMsk.DFC_METctRing_C	1x1
DFC_CtlMsk.DFC_METtiDeb_C	1x1
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DFC_CtlMsk.DFC_MonUMinSupply1_C	1x1
DFC_CtlMsk.DFC_OilAbnormErr_C	1x1
DFC_CtlMsk.DFC_OilErr_C	1x1
DFC_CtlMsk.DFC_PEnvSigRngMax_C	1x1
DFC_CtlMsk.DFC_PEnvSigRngMin_C	1x1
DFC_CtlMsk.DFC_Pmd_PeriMon_C	1x1
DFC_CtlMsk.DFC_SSpMon1_C	1x1
DFC_CtlMsk.DFC_SSpMon1OV_C	1x1
DFC_CtlMsk.DFC_SSpMon1SCG_C	1x1
DFC_CtlMsk.DFC_SSpMon1UV_C	1x1
DFC_CtlMsk.DFC_SSpMon2_C	1x1
DFC_CtlMsk.DFC_SSpMon2OV_C	1x1
DFC_CtlMsk.DFC_SSpMon2SCG_C	1x1
DFC_CtlMsk.DFC_SSpMon2UV_C	1x1
DFC_CtlMsk.DFC_SSpMon3_C	1x1
DFC_CtlMsk.DFC_SSpMon3OV_C	1x1
DFC_CtlMsk.DFC_SSpMon3SCG_C	1x1
DFC_CtlMsk.DFC_SSpMon3UV_C	1x1
DFC_CtlMsk.DFC_StmFault_C	1x1
DFC_CtlMsk.DFC_StrtCtOffPth_C	1x1
DFC_CtlMsk.DFC_StrtCtlErr_C	1x1
DFC_CtlMsk.DFC_StrtFault_C	1x1
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DFC_CtlMsk.DFC_StrtLckJudg2_C	1x1
DFC_CtlMsk.DFC_StrtOL_C	1x1
DFC_CtlMsk.DFC_StrtOL2_C	1x1
DFC_CtlMsk.DFC_StrtSCB_C	1x1
DFC_CtlMsk.DFC_StrtSCB2_C	1x1
DFC_CtlMsk.DFC_StrtSCG_C	1x1
DFC_CtlMsk.DFC_StrtSCG2_C	1x1
DFC_CtlMsk.DFC_StrtStkRly1_C	1x1
DFC_CtlMsk.DFC_StrtStkRly2_C	1x1

DFC_CtlMsk.DFC_T50OL_C	1x1
DFC_CtlMsk.DFC_VehVAllPlaus_C	1x1
DFC_CtlMsk.DFC_VehVPlausCan_C	1x1
DFC_CtlMsk.DFC_VehVPlausFco_C	1x1
DFC_CtlMsk.DFC_VehVPlausPwr_C	1x1
DFC_CtlMsk.DFC_VehVPlausV2N_C	1x1
DFC_CtlMsk.DFC_CIthMax_C	1x1
DFC_CtlMsk.DFC_IgnClPsDevIdentErr1_C	1x1
DFC_CtlMsk.DFC_IgnClPsDevSpiErr1_C	1x1
DFC_CtlMsk.DFC_IgnClPsOpenLoad0_C	1x1
DFC_CtlMsk.DFC_IgnClPsOpenLoad1_C	1x1
DFC_CtlMsk.DFC_IgnClPsOpenLoad2_C	1x1
DFC_CtlMsk.DFC_IgnClPsOpenLoad3_C	1x1
DFC_CtlMsk.DFC_IgnClPsShCirBatt0_C	1x1
DFC_CtlMsk.DFC_IgnClPsShCirBatt1_C	1x1
DFC_CtlMsk.DFC_IgnClPsShCirBatt2_C	1x1
DFC_CtlMsk.DFC_IgnClPsShCirBatt3_C	1x1
DFC_CtlMsk.DFC_IgnClPsShCirGnd0_C	1x1
DFC_CtlMsk.DFC_IgnClPsShCirGnd1_C	1x1
DFC_CtlMsk.DFC_IgnClPsShCirGnd2_C	1x1
DFC_CtlMsk.DFC_IgnClPsShCirGnd3_C	1x1
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DFC_CtlMsk.DFC_KRVEKOEVAB0_C	1x1
DFC_CtlMsk.DFC_KRVEKOEVAB1_C	1x1
DFC_CtlMsk.DFC_KRVEKOEVAB2_C	1x1
DFC_CtlMsk.DFC_KRVEKOEVAB3_C	1x1
DFC_CtlMsk.DFC_MfPsNonPlausible_C	1x1
DFC_CtlMsk.DFC_T50RetOL_C	1x1
DFC_CtlMsk.DFC_T50RetSCB_C	1x1
DFC_CtlMsk.DFC_T50SCB_C	1x1
DFC_CtlMsk.DFC_UEGOASICS1B1_C	1x1
DFC_CtlMsk.DFC_UEGOOLIPES1B1_C	1x1
DFC_CtlMsk.DFC_UEGOOLRES1B1_C	1x1
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DFC_CtlMsk.DFC_UegoOlRCmpS1B1_C	1x1
DFC_CtlMsk.DFC_AirCCmprOL_C	1x1
DFC_CtlMsk.DFC_AirCCmprOvrTemp_C	1x1
DFC_CtlMsk.DFC_AirCCmprSCB_C	1x1
DFC_CtlMsk.DFC_AirCCmprSCG_C	1x1
DFC_CtlMsk.DFC_AltErr_C	1x1
DFC_CtlMsk.DFC_BattUSRCMax_C	1x1
DFC_CtlMsk.DFC_BattUSRCMin_C	1x1
DFC_CtlMsk.DFC_DevLibBattUHi_C	1x1
DFC_CtlMsk.DFC_DevLibBattULo_C	1x1
DFC_CtlMsk.DFC_FanDIOOL_0_C	1x1
DFC_CtlMsk.DFC_FanDIOOL_1_C	1x1
DFC_CtlMsk.DFC_FanDIOOvrTemp_0_C	1x1
DFC_CtlMsk.DFC_FanDIOOvrTemp_1_C	1x1
DFC_CtlMsk.DFC_FanDIOSCB_0_C	1x1
DFC_CtlMsk.DFC_FanDIOSCB_1_C	1x1
DFC_CtlMsk.DFC_FanDIOSCG_0_C	1x1
DFC_CtlMsk.DFC_FanDIOSCG_1_C	1x1
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DFC_CtlMsk.DFC_PSPSCG_C	1x1
DFC_CtlMsk.DFC_VehVSclOutOL_C	1x1
DFC_CtlMsk.DFC_VehVSclOutOT_C	1x1
DFC_CtlMsk.DFC_VehVSclOutSCB_C	1x1
DFC_CtlMsk.DFC_VehVSclOutSCG_C	1x1
DFC_CtlMsk.DFC_VehVSigFL_C	1x1
DFC_CtlMsk.DFC_VehVSigFR_C	1x1
DFC_CtlMsk.DFC_VehVSigRL_C	1x1
DFC_CtlMsk.DFC_VehVSigRR_C	1x1
DFC_CtlMsk.DFC_VlvLftFbSwtExh11SpclFail_C	1x1
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DFC_CtlMsk.DFC_InjVlv_DI_ScBnk_1_C	1x1
DFC_CtlMsk.DFC_InjVlv_DI_ScBnk_2_C	1x1
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DFC_CtlMsk.DFC_InjVlv_DI_ScCyl_3_C	1x1
DFC_CtlMsk.DFC_InjVlv_DI_ScHsLs_0_C	1x1
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DFC_CtlMsk.DFC_InjVlv_DI_ScHsLs_3_C	1x1
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DFC_CtlMsk.DFC_MfPsOpenLoad_C	1x1
DFC_CtlMsk.DFC_MfPsShCirBattLowSide_C	1x1
DFC_CtlMsk.DFC_MfPsShCirGndLowSide_C	1x1
DFC_CtlMsk.DFC_ACEvpTPhysRngHi_C	1x1
DFC_CtlMsk.DFC_ACEvpTPhysRngLo_C	1x1
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DFC_CtlMsk.DFC_ACEvpTSRCMin_C	1x1
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DFC_CtlMsk.DFC_Brk_C	1x1
DFC_CtlMsk.DFC_BrkBstSensSCB_C	1x1
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DFC_CtlMsk.DFC_BrkPPhysRngLo_C	1x1
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DFC_CtlMsk.DFC_RoughRoad_C	1x1

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DFC_CtlMsk.DFC_SiaEEPWrngCod_C	1x1
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DFC_CtlMsk.DFC_VehVPlaus_C	1x1
DFC_CtlMsk.DFC_AAVEmax_C	1x1
DFC_CtlMsk.DFC_AAVEmin_C	1x1
DFC_CtlMsk.DFC_AAVEsig_C	1x1
DFC_CtlMsk.DFC_AAVmin_C	1x1
DFC_CtlMsk.DFC_BBKRnldg_C	1x1
DFC_CtlMsk.DFC_BBKRsyne_C	1x1
DFC_CtlMsk.DFC_BigLeakIntkMnfldEmiInfl_C	1x1
DFC_CtlMsk.DFC_BrkMnSwtContOnWarnLmp_C	1x1
DFC_CtlMsk.DFC_BrkMnSwtNotStpWarnLmp_C	1x1
DFC_CtlMsk.DFC_BrkRdntSwtContOnWarnLmp_C	1x1
DFC_CtlMsk.DFC_BrkRdntSwtNotStpWarnLmp_C	1x1
DFC_CtlMsk.DFC_CEngDsTColdStrtMax_C	1x1
DFC_CtlMsk.DFC_CEngDsTColdStrtMin_C	1x1
DFC_CtlMsk.DFC_CEngDsTImps_C	1x1
DFC_CtlMsk.DFC_CEngDsTPlausHSC_C	1x1
DFC_CtlMsk.DFC_CEngDsTPlausLSC_C	1x1
DFC_CtlMsk.DFC_CEngDsTPlausSTC_C	1x1
DFC_CtlMsk.DFC_CEngDsTSRCMax_C	1x1
DFC_CtlMsk.DFC_CEngDsTSRCMin_C	1x1
DFC_CtlMsk.DFC_CEngDsTSig_C	1x1
DFC_CtlMsk.DFC_CEngUsTSRCMax_C	1x1
DFC_CtlMsk.DFC_CEngUsTSRCMin_C	1x1
DFC_CtlMsk.DFC_CFCmax_C	1x1
DFC_CtlMsk.DFC_CILCNMsfMax_0_C	1x1
DFC_CtlMsk.DFC_CILCNMsfMax_1_C	1x1
DFC_CtlMsk.DFC_CILCNMsfMax_2_C	1x1
DFC_CtlMsk.DFC_CILCNMsfMax_3_C	1x1
DFC_CtlMsk.DFC_CILCNMsfMaxSum_C	1x1
DFC_CtlMsk.DFC_CtT_C	1x1
DFC_CtlMsk.DFC_DCDCFltDet_C	1x1
DFC_CtlMsk.DFC_DFRMmax_C	1x1
DFC_CtlMsk.DFC_DFRMmin_C	1x1
DFC_CtlMsk.DFC_DKRSA_C	1x1
DFC_CtlMsk.DFC_DKVSmax_C	1x1
DFC_CtlMsk.DFC_DKnpl_C	1x1
DFC_CtlMsk.DFC_DSKVRmax_C	1x1
DFC_CtlMsk.DFC_DSKVRmin_C	1x1
DFC_CtlMsk.DFC_DSKVRnpl_C	1x1
DFC_CtlMsk.DFC_DSKVRsig_C	1x1
DFC_CtlMsk.DFC_DSKVSsig_C	1x1
DFC_CtlMsk.DFC_DSKVmax_C	1x1
DFC_CtlMsk.DFC_DSKVmin_C	1x1
DFC_CtlMsk.DFC_DSKVnpl_C	1x1
DFC_CtlMsk.DFC_DSLmax_C	1x1
DFC_CtlMsk.DFC_DSSmax_C	1x1
DFC_CtlMsk.DFC_DSTEmax_C	1x1
DFC_CtlMsk.DFC_DSTEmin_C	1x1
DFC_CtlMsk.DFC_DSTRmax_C	1x1
DFC_CtlMsk.DFC_DSTRmin_C	1x1
DFC_CtlMsk.DFC_DSTRnpl_C	1x1
DFC_CtlMsk.DFC_DSTRsig_C	1x1
DFC_CtlMsk.DFC_DSTTI_C	1x1
DFC_CtlMsk.DFC_DSTmax_C	1x1
DFC_CtlMsk.DFC_DSUmax_C	1x1
DFC_CtlMsk.DFC_EEPRdErr_C	1x1
DFC_CtlMsk.DFC_EEPWrErr_C	1x1
DFC_CtlMsk.DFC_EGFEmax_C	1x1
DFC_CtlMsk.DFC_EGFEmin_C	1x1
DFC_CtlMsk.DFC_EGSDUS2B1LtrDly_C	1x1
DFC_CtlMsk.DFC_EGSDUS2B1LtrPT1_C	1x1
DFC_CtlMsk.DFC_EGSDUS2B1RtlDly_C	1x1
DFC_CtlMsk.DFC_EGSDUS2B1RtlPT1_C	1x1
DFC_CtlMsk.DFC_EGSDUS2B1TarLean_C	1x1
DFC_CtlMsk.DFC_EGSDUS2B1TarRich_C	1x1
DFC_CtlMsk.DFC_EONVmax_C	1x1
DFC_CtlMsk.DFC_ETAKHLmax_C	1x1
DFC_CtlMsk.DFC_ETAKHTmax_C	1x1
DFC_CtlMsk.DFC_EngPrtOvrSpdMon_C	1x1
DFC_CtlMsk.DFC_EnvTMBCMax_C	1x1
DFC_CtlMsk.DFC_EnvTMBCMin_C	1x1
DFC_CtlMsk.DFC_EnvTPRCMax_C	1x1
DFC_CtlMsk.DFC_EnvTPRCMin_C	1x1
DFC_CtlMsk.DFC_EpmCaSI1ErrSig_C	1x1
DFC_CtlMsk.DFC_EpmCaSI1MntErr_C	1x1
DFC_CtlMsk.DFC_EpmCaSI1NoSigMax_C	1x1
DFC_CtlMsk.DFC_EpmCaSI1NoSigMin_C	1x1
DFC_CtlMsk.DFC_EpmCaSI1OfsErr_C	1x1
DFC_CtlMsk.DFC_EpmCaSO1ErrSig_C	1x1
DFC_CtlMsk.DFC_EpmCaSO1MntErr_C	1x1
DFC_CtlMsk.DFC_EpmCaSO1NoSigMax_C	1x1
DFC_CtlMsk.DFC_EpmCaSO1NoSigMin_C	1x1
DFC_CtlMsk.DFC_EpmCaSO1OfsErr_C	1x1
DFC_CtlMsk.DFC_EpmCrSDGI_C	1x1
DFC_CtlMsk.DFC_EpmCrSErrSig_C	1x1
DFC_CtlMsk.DFC_EpmCrSNoSig_C	1x1
DFC_CtlMsk.DFC_FRAmax_C	1x1
DFC_CtlMsk.DFC_FRAmin_C	1x1
DFC_CtlMsk.DFC_FSTEmax_C	1x1
DFC_CtlMsk.DFC_FSTEmin_C	1x1
DFC_CtlMsk.DFC_FSTRmax_C	1x1
DFC_CtlMsk.DFC_FSTRmin_C	1x1
DFC_CtlMsk.DFC_FSTRnpl_C	1x1
DFC_CtlMsk.DFC_FSTmax_C	1x1

DFC_CtlMsk.DFC_FTDLAmax_C	1x1
DFC_CtlMsk.DFC_FTDLAmin_C	1x1
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DFC_CtlMsk.DFC_HDRPLmax_C	1x1
DFC_CtlMsk.DFC_HDRPLmin_C	1x1
DFC_CtlMsk.DFC_HDRmax_C	1x1
DFC_CtlMsk.DFC_HDRmin_C	1x1
DFC_CtlMsk.DFC_HEGOS2B1ElecMax_C	1x1
DFC_CtlMsk.DFC_HEGOS2B1ElecMin_C	1x1
DFC_CtlMsk.DFC_HEGOS2B1ElecNpl_C	1x1
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DFC_CtlMsk.DFC_HEV02max_C	1x1
DFC_CtlMsk.DFC_HEV03max_C	1x1
DFC_CtlMsk.DFC_HEVE0max_C	1x1
DFC_CtlMsk.DFC_HEVE1max_C	1x1
DFC_CtlMsk.DFC_HFM1Emax_C	1x1
DFC_CtlMsk.DFC_HFM1Emin_C	1x1
DFC_CtlMsk.DFC_HFM1Esig_C	1x1
DFC_CtlMsk.DFC_HFMEmax_C	1x1
DFC_CtlMsk.DFC_HFMRmax_C	1x1
DFC_CtlMsk.DFC_HFMRmin_C	1x1
DFC_CtlMsk.DFC_HFMRnpl_C	1x1
DFC_CtlMsk.DFC_HFMRsig_C	1x1
DFC_CtlMsk.DFC_HFMVmax_C	1x1
DFC_CtlMsk.DFC_HFMmax_C	1x1
DFC_CtlMsk.DFC_IVGdiCtlCvoErrMax_0_C	1x1
DFC_CtlMsk.DFC_IVGdiCtlCvoErrMax_1_C	1x1
DFC_CtlMsk.DFC_IVGdiCtlCvoErrMax_2_C	1x1
DFC_CtlMsk.DFC_IVGdiCtlCvoErrMax_3_C	1x1
DFC_CtlMsk.DFC_IVGdiCtlCvoErrMin_0_C	1x1
DFC_CtlMsk.DFC_IVGdiCtlCvoErrMin_1_C	1x1
DFC_CtlMsk.DFC_IVGdiCtlCvoErrMin_2_C	1x1
DFC_CtlMsk.DFC_IVGdiCtlCvoErrMin_3_C	1x1
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DFC_CtlMsk.DFC_IVGdiCtl_CvoErr_C	1x1
DFC_CtlMsk.DFC_IVGdiCtl_CvoSigPlaus_0_C	1x1
DFC_CtlMsk.DFC_IVGdiCtl_CvoSigPlaus_1_C	1x1
DFC_CtlMsk.DFC_IVGdiCtl_CvoSigPlaus_2_C	1x1
DFC_CtlMsk.DFC_IVGdiCtl_CvoSigPlaus_3_C	1x1
DFC_CtlMsk.DFC_IntkAirTAirFltDsCrssMax_C	1x1
DFC_CtlMsk.DFC_IntkAirTAirFltDsCrssMin_C	1x1
DFC_CtlMsk.DFC_IntkAirTAirFltDsHSCMax_C	1x1
DFC_CtlMsk.DFC_IntkAirTAirFltDsImps_C	1x1
DFC_CtlMsk.DFC_IntkAirTAirFltDsPRCMax_C	1x1
DFC_CtlMsk.DFC_IntkAirTAirFltDsPRCMin_C	1x1
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DFC_CtlMsk.DFC_IntkAirTAirFltDsSTC_C	1x1
DFC_CtlMsk.DFC_IntkAirTIntkMnfldCrssMax_C	1x1
DFC_CtlMsk.DFC_IntkAirTIntkMnfldCrssMin_C	1x1
DFC_CtlMsk.DFC_IntkAirTIntkMnfldHSCMax_C	1x1
DFC_CtlMsk.DFC_IntkAirTIntkMnfldImps_C	1x1
DFC_CtlMsk.DFC_IntkAirTIntkMnfldPRCMax_C	1x1
DFC_CtlMsk.DFC_IntkAirTIntkMnfldPRCMin_C	1x1
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DFC_CtlMsk.DFC_KRVEKOENCHMT_C	1x1
DFC_CtlMsk.DFC_KRVEKORLMX_C	1x1
DFC_CtlMsk.DFC_KRVEKORLMXL_C	1x1
DFC_CtlMsk.DFC_KS1max_C	1x1
DFC_CtlMsk.DFC_KS1min_C	1x1
DFC_CtlMsk.DFC_LDRRmax_C	1x1
DFC_CtlMsk.DFC_LDRRmin_C	1x1
DFC_CtlMsk.DFC_LMmax_C	1x1
DFC_CtlMsk.DFC_LZSRnpl_C	1x1
DFC_CtlMsk.DFC_LamDynDiagS1B1_C	1x1
DFC_CtlMsk.DFC_LeakIntkMnfldEmiInfl_C	1x1
DFC_CtlMsk.DFC_MD_C	1x1
DFC_CtlMsk.DFC_MDBmax_C	1x1
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DFC_CtlMsk.DFC_MoFGkc_C	1x1
DFC_CtlMsk.DFC_MoFICOL1_C	1x1
DFC_CtlMsk.DFC_MoFICOL2_C	1x1
DFC_CtlMsk.DFC_MoFModc_C	1x1
DFC_CtlMsk.DFC_MoFRlc_C	1x1
DFC_CtlMsk.DFC_MoFStrt_C	1x1
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DFC_CtlMsk.DFC_NWSmax_C	1x1
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DFC_CtlMsk.DFC_ORAmax_C	1x1
DFC_CtlMsk.DFC_ORAmin_C	1x1
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DFC_CtlMsk.DFC_PLLSUmin_C	1x1
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DFC_CtlMsk.DFC_PSRBmin_C	1x1
DFC_CtlMsk.DFC_PSRBnpl_C	1x1
DFC_CtlMsk.DFC_PSRBsig_C	1x1
DFC_CtlMsk.DFC_PSREmax_C	1x1
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DFC_CtlMsk.DFC_PSRPmax_C	1x1
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DFC_CtlMsk.DFC_SRCHighAPP2_C	1x1
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DFC_CtlMsk.DFC_SRCLowAPP2_C	1x1
DFC_CtlMsk.DFC_STATFUmax_C	1x1
DFC_CtlMsk.DFC_STATFUmin_C	1x1
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DFC_CtlMsk.DFC_TESPL_C	1x1
DFC_CtlMsk.DFC_TESmax_C	1x1
DFC_CtlMsk.DFC_TESmin_C	1x1
DFC_CtlMsk.DFC_TEVEmax_C	1x1
DFC_CtlMsk.DFC_TEVEmin_C	1x1
DFC_CtlMsk.DFC_TEVEmin_C	1x1
DFC_CtlMsk.DFC_TEVEsig_C	1x1
DFC_CtlMsk.DFC_TKACSmax_C	1x1
DFC_CtlMsk.DFC_TKACSmin_C	1x1
DFC_CtlMsk.DFC_TKAEmax_C	1x1
DFC_CtlMsk.DFC_TKAEmin_C	1x1
DFC_CtlMsk.DFC_TKARmax_C	1x1
DFC_CtlMsk.DFC_TKARnpl_C	1x1
DFC_CtlMsk.DFC_TMmax_C	1x1
DFC_CtlMsk.DFC_TUMPmax_C	1x1
DFC_CtlMsk.DFC_TUMmax_C	1x1
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DFC_CtlMsk.DFC_ThrVlvClsdPosnOffsLrnImpoB1_C	1x1
DFC_CtlMsk.DFC_ThrVlvClsdPosnOffsLrnMaxB1_C	1x1
DFC_CtlMsk.DFC_ThrVlvClsdPosnOffsLrnMinB1_C	1x1
DFC_CtlMsk.DFC_ThrVlvCtrlDeB1_C	1x1
DFC_CtlMsk.DFC_ThrVlvDycB1_C	1x1
DFC_CtlMsk.DFC_ThrVlvLimpAirPosnMaxAbsltDriftB1_C	1x1
DFC_CtlMsk.DFC_ThrVlvLimpAirPosnMaxB1_C	1x1

DFC_CtlMsk.DFC_ThrVlvLimpAirPosnMaxRelDriftB1_C	1x1
DFC_CtlMsk.DFC_ThrVlvLimpAirPosnMinB1_C	1x1
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DFC_CtlMsk.DFC_TrbChSens1MinB1_C	1x1
DFC_CtlMsk.DFC_TrbChShoCircB1_C	1x1
DFC_CtlMsk.DFC_TrbChSpiErrB1_C	1x1
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DFC_CtlMsk.DFC_UEGOSnsrMntdS1B1_C	1x1
DFC_CtlMsk.DFC_UVSEmax_C	1x1
DFC_CtlMsk.DFC_UVSEmin_C	1x1
DFC_CtlMsk.DFC_UVSEsig_C	1x1
DFC_CtlMsk.DFC_VehVSig_C	1x1
DFC_CtlMsk.DFC_VlvLftExh1max_C	1x1
DFC_CtlMsk.DFC_VlvLftExh1min_C	1x1
DFC_CtlMsk.DFC_VlvLftExh1sig_C	1x1
DFC_DisblMsk.DFC_Unused_C	1x1
DFC_DisblMsk.DFC_ATRlyStkOffErr_C	1x1
DFC_DisblMsk.DFC_ATRlyStkOnErr_C	1x1
DFC_DisblMsk.DFC_AltlOACGFailr_C	1x1
DFC_DisblMsk.DFC_AltlOACGHiVltg_C	1x1
DFC_DisblMsk.DFC_AltlOACGLoVltg_C	1x1
DFC_DisblMsk.DFC_AltlOACGTHi_C	1x1
DFC_DisblMsk.DFC_AltlODConnACG_C	1x1
DFC_DisblMsk.DFC_BrkBstPDriftHiErr_C	1x1
DFC_DisblMsk.DFC_BrkBstPDriftLoErr_C	1x1
DFC_DisblMsk.DFC_BrkBstPSnsrStuck_C	1x1
DFC_DisblMsk.DFC_BrkMnSwtContOn_C	1x1
DFC_DisblMsk.DFC_BrkMnSwtNotStp_C	1x1
DFC_DisblMsk.DFC_BrkMnSwtContOn_C	1x1
DFC_DisblMsk.DFC_BrkMnSwtNotStp_C	1x1
DFC_DisblMsk.DFC_BrkNpl_C	1x1
DFC_DisblMsk.DFC_BrkRdntSwtContOn_C	1x1
DFC_DisblMsk.DFC_BrkRdntSwtNotStp_C	1x1
DFC_DisblMsk.DFC_Clth3ONStuck_C	1x1
DFC_DisblMsk.DFC_Clth4OFFStuck_C	1x1
DFC_DisblMsk.DFC_ClthOFFStuck_C	1x1
DFC_DisblMsk.DFC_ClthONStuck_C	1x1
DFC_DisblMsk.DFC_ClthStkFailInfo_C	1x1
DFC_DisblMsk.DFC_ComABSWrn_C	1x1
DFC_DisblMsk.DFC_ComACCAChksum_C	1x1
DFC_DisblMsk.DFC_ComACCADLC_C	1x1
DFC_DisblMsk.DFC_ComACCARingCnt_C	1x1
DFC_DisblMsk.DFC_ComACCATOut_C	1x1
DFC_DisblMsk.DFC_ComACCBChkSum_C	1x1
DFC_DisblMsk.DFC_ComACCBRingCnt_C	1x1
DFC_DisblMsk.DFC_ComACCBTOut_C	1x1
DFC_DisblMsk.DFC_ComACCChkSum_C	1x1
DFC_DisblMsk.DFC_ComACCRingCnt_C	1x1
DFC_DisblMsk.DFC_ComACCTOut_C	1x1
DFC_DisblMsk.DFC_ComACFailInfo_C	1x1
DFC_DisblMsk.DFC_ComADSChkSum_C	1x1
DFC_DisblMsk.DFC_ComADSRingCnt_C	1x1
DFC_DisblMsk.DFC_ComADSTOut_C	1x1
DFC_DisblMsk.DFC_ComATErr4_C	1x1
DFC_DisblMsk.DFC_ComATGearInfoErr_C	1x1
DFC_DisblMsk.DFC_ComATISS_C	1x1
DFC_DisblMsk.DFC_ComAWDChksum_C	1x1
DFC_DisblMsk.DFC_ComAWDMechFail_C	1x1
DFC_DisblMsk.DFC_ComAWDRingCnt_C	1x1
DFC_DisblMsk.DFC_ComAWDTOut_C	1x1
DFC_DisblMsk.DFC_ComAYCAChksum_C	1x1
DFC_DisblMsk.DFC_ComAYCARingCnt_C	1x1
DFC_DisblMsk.DFC_ComAYCATOut_C	1x1
DFC_DisblMsk.DFC_ComAYCBChkSum_C	1x1
DFC_DisblMsk.DFC_ComAYCBRingCnt_C	1x1
DFC_DisblMsk.DFC_ComAYCBTOut_C	1x1
DFC_DisblMsk.DFC_ComAYCCtlErr_C	1x1
DFC_DisblMsk.DFC_ComAYCDChkSum_C	1x1
DFC_DisblMsk.DFC_ComAYCDTOut_C	1x1
DFC_DisblMsk.DFC_ComAYCFChksum_C	1x1
DFC_DisblMsk.DFC_ComAYCFCtlErr_C	1x1
DFC_DisblMsk.DFC_ComAYCFRingCnt_C	1x1
DFC_DisblMsk.DFC_ComAYCFTOut_C	1x1
DFC_DisblMsk.DFC_ComAirEnvT_C	1x1
DFC_DisblMsk.DFC_ComApcChksum_C	1x1
DFC_DisblMsk.DFC_ComApcRingCnt_C	1x1
DFC_DisblMsk.DFC_ComApcTOut_C	1x1
DFC_DisblMsk.DFC_ComBB10TOut_C	1x1

DFC_DisblMsk.DFC_ComBB1TOut_C	1x1
DFC_DisblMsk.DFC_ComBB2TOut_C	1x1
DFC_DisblMsk.DFC_ComCANABusOffErr_C	1x1
DFC_DisblMsk.DFC_ComCANBBusOffErr_C	1x1
DFC_DisblMsk.DFC_ComCANCBusOffErr_C	1x1
DFC_DisblMsk.DFC_ComConvBoostErr_C	1x1
DFC_DisblMsk.DFC_ComDCDCInpErr1_C	1x1
DFC_DisblMsk.DFC_ComDCDCInpErr2_C	1x1
DFC_DisblMsk.DFC_ComDCDCIntErr_C	1x1
DFC_DisblMsk.DFC_ComDCDCOutpErr1_C	1x1
DFC_DisblMsk.DFC_ComDCDCOutpErr2_C	1x1
DFC_DisblMsk.DFC_ComDCDCTempWarn1_C	1x1
DFC_DisblMsk.DFC_ComDCDCTempWarn2_C	1x1
DFC_DisblMsk.DFC_ComEAT10Chksum_C	1x1
DFC_DisblMsk.DFC_ComEAT10RingCnt_C	1x1
DFC_DisblMsk.DFC_ComEAT10TOut_C	1x1
DFC_DisblMsk.DFC_ComEAT2ChkSum_C	1x1
DFC_DisblMsk.DFC_ComEAT2RingCnt_C	1x1
DFC_DisblMsk.DFC_ComEAT2TOut_C	1x1
DFC_DisblMsk.DFC_ComEAT4ChkSum_C	1x1
DFC_DisblMsk.DFC_ComEAT4RingCnt_C	1x1
DFC_DisblMsk.DFC_ComEAT4ChkSum_C	1x1
DFC_DisblMsk.DFC_ComEAT4RingCnt_C	1x1
DFC_DisblMsk.DFC_ComEAT4TOut_C	1x1
DFC_DisblMsk.DFC_ComEAT5ChkSum_C	1x1
DFC_DisblMsk.DFC_ComEAT5RingCnt_C	1x1
DFC_DisblMsk.DFC_ComEAT5TOut_C	1x1
DFC_DisblMsk.DFC_ComEAT6Chksum_C	1x1
DFC_DisblMsk.DFC_ComEAT6RingCnt_C	1x1
DFC_DisblMsk.DFC_ComEAT6TOut_C	1x1
DFC_DisblMsk.DFC_ComEAT9Chksum_C	1x1
DFC_DisblMsk.DFC_ComEAT9RingCnt_C	1x1
DFC_DisblMsk.DFC_ComEAT9TOut_C	1x1
DFC_DisblMsk.DFC_ComEATAChksum_C	1x1
DFC_DisblMsk.DFC_ComEATARingCnt_C	1x1
DFC_DisblMsk.DFC_ComEATATOut_C	1x1
DFC_DisblMsk.DFC_ComEATBChkSum_C	1x1
DFC_DisblMsk.DFC_ComEATBRingCnt_C	1x1
DFC_DisblMsk.DFC_ComEATBTOut_C	1x1
DFC_DisblMsk.DFC_ComEATErr_C	1x1
DFC_DisblMsk.DFC_ComEBSSelfDiagErr_C	1x1
DFC_DisblMsk.DFC_ComEPBChksum_C	1x1
DFC_DisblMsk.DFC_ComEPBTOut_C	1x1
DFC_DisblMsk.DFC_ComEPBctRing_C	1x1
DFC_DisblMsk.DFC_ComEPS1Chksum_C	1x1
DFC_DisblMsk.DFC_ComEPS1RingCnt_C	1x1
DFC_DisblMsk.DFC_ComEPS1TOut_C	1x1
DFC_DisblMsk.DFC_ComEPSChksum_C	1x1
DFC_DisblMsk.DFC_ComEPSRingCnt_C	1x1
DFC_DisblMsk.DFC_ComEPSTOut_C	1x1
DFC_DisblMsk.DFC_ComEVPChksum_C	1x1
DFC_DisblMsk.DFC_ComEVPRingCnt_C	1x1
DFC_DisblMsk.DFC_ComEVPTOut_C	1x1
DFC_DisblMsk.DFC_ComEVPRingCnt_C	1x1
DFC_DisblMsk.DFC_ComEVPTOut_C	1x1
DFC_DisblMsk.DFC_ComIDASBChksum_C	1x1
DFC_DisblMsk.DFC_ComIDASBRingCnt_C	1x1
DFC_DisblMsk.DFC_ComIDASBTOut_C	1x1
DFC_DisblMsk.DFC_ComISSPrms_C	1x1
DFC_DisblMsk.DFC_ComMETAChksum_C	1x1
DFC_DisblMsk.DFC_ComMETARingCnt_C	1x1
DFC_DisblMsk.DFC_ComMETATOut_C	1x1
DFC_DisblMsk.DFC_ComMETBChksum_C	1x1
DFC_DisblMsk.DFC_ComMETBRingCnt_C	1x1
DFC_DisblMsk.DFC_ComMETBTOut_C	1x1
DFC_DisblMsk.DFC_ComMETCChksum_C	1x1
DFC_DisblMsk.DFC_ComMETCRingCnt_C	1x1
DFC_DisblMsk.DFC_ComMETCTOut_C	1x1
DFC_DisblMsk.DFC_ComMETDChksum_C	1x1
DFC_DisblMsk.DFC_ComMETDRingCnt_C	1x1
DFC_DisblMsk.DFC_ComMETDTOut_C	1x1
DFC_DisblMsk.DFC_ComMETE2Chksum_C	1x1
DFC_DisblMsk.DFC_ComMETE2RingCnt_C	1x1
DFC_DisblMsk.DFC_ComMETE2TOut_C	1x1
DFC_DisblMsk.DFC_ComMETEChksum_C	1x1
DFC_DisblMsk.DFC_ComMETERingCnt_C	1x1
DFC_DisblMsk.DFC_ComMETETOut_C	1x1
DFC_DisblMsk.DFC_ComMETFChksum_C	1x1
DFC_DisblMsk.DFC_ComMETFRingCnt_C	1x1
DFC_DisblMsk.DFC_ComMETFTOut_C	1x1
DFC_DisblMsk.DFC_ComMETGChksum_C	1x1
DFC_DisblMsk.DFC_ComMETGRingCnt_C	1x1
DFC_DisblMsk.DFC_ComMETGTOut_C	1x1
DFC_DisblMsk.DFC_ComMETH2Chksum_C	1x1
DFC_DisblMsk.DFC_ComMETH2Chksum_C	1x1
DFC_DisblMsk.DFC_ComMETH2RingCnt_C	1x1
DFC_DisblMsk.DFC_ComMETH2TOut_C	1x1
DFC_DisblMsk.DFC_ComMETHChksum_C	1x1
DFC_DisblMsk.DFC_ComMETHRingCnt_C	1x1
DFC_DisblMsk.DFC_ComMETHTOut_C	1x1
DFC_DisblMsk.DFC_ComMETIChksum_C	1x1
DFC_DisblMsk.DFC_ComMETIRingCnt_C	1x1
DFC_DisblMsk.DFC_ComMETITOut_C	1x1
DFC_DisblMsk.DFC_ComMETKChksum_C	1x1
DFC_DisblMsk.DFC_ComMETKRingCnt_C	1x1
DFC_DisblMsk.DFC_ComMETKTOut_C	1x1
DFC_DisblMsk.DFC_ComMETLChksum_C	1x1
DFC_DisblMsk.DFC_ComMETLRingCnt_C	1x1
DFC_DisblMsk.DFC_ComMETLTOut_C	1x1
DFC_DisblMsk.DFC_ComMETMChksum_C	1x1
DFC_DisblMsk.DFC_ComMETMRingCnt_C	1x1
DFC_DisblMsk.DFC_ComMETMTOut_C	1x1
DFC_DisblMsk.DFC_ComMETNChksum_C	1x1
DFC_DisblMsk.DFC_ComMETNRingCnt_C	1x1

DFC_DisblMsk.DFC_ComMETNTOut_C	1x1
DFC_DisblMsk.DFC_ComMtrCom_C	1x1
DFC_DisblMsk.DFC_ComMtrEva_C	1x1
DFC_DisblMsk.DFC_ComPCUChkSum_C	1x1
DFC_DisblMsk.DFC_ComPCURingCnt_C	1x1
DFC_DisblMsk.DFC_ComPCUTOut_C	1x1
DFC_DisblMsk.DFC_ComSRSAChksum_C	1x1
DFC_DisblMsk.DFC_ComSRSARingCnt_C	1x1
DFC_DisblMsk.DFC_ComSRSATOut_C	1x1
DFC_DisblMsk.DFC_ComSRSActive_C	1x1
DFC_DisblMsk.DFC_ComSRSBChksum_C	1x1
DFC_DisblMsk.DFC_ComSRSBRingCnt_C	1x1
DFC_DisblMsk.DFC_ComSRSBTOut_C	1x1
DFC_DisblMsk.DFC_ComSRSChksum_C	1x1
DFC_DisblMsk.DFC_ComSRSErr_C	1x1
DFC_DisblMsk.DFC_ComSRSRingCnt_C	1x1
DFC_DisblMsk.DFC_ComSRSTOut_C	1x1
DFC_DisblMsk.DFC_ComSWTCH1AlvCnt_C	1x1
DFC_DisblMsk.DFC_ComSWTCH1Chksum_C	1x1
DFC_DisblMsk.DFC_ComSWTCH1TOut_C	1x1
DFC_DisblMsk.DFC_ComTqCnvrSlipErr_C	1x1
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DFC_DisblMsk.DFC_Cy327SpiCom_C	1x1
DFC_DisblMsk.DFC_EbsChartcCurrErr_C	1x1
DFC_DisblMsk.DFC_EbsSelfDiagErr_C	1x1
DFC_DisblMsk.DFC_ElecLdSRCMax_C	1x1
DFC_DisblMsk.DFC_ElecLdSRCMin_C	1x1
DFC_DisblMsk.DFC_EnvTDef_C	1x1
DFC_DisblMsk.DFC_EnvTSig_C	1x1
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DFC_DisblMsk.DFC_GEVlvPhaPsOpenLoadOutlB1_C	1x1
DFC_DisblMsk.DFC_GEVlvPhaPsShoToBattIntkB1_C	1x1
DFC_DisblMsk.DFC_GEVlvPhaPsShoToBattOutlB1_C	1x1
DFC_DisblMsk.DFC_GEVlvPhaPsShoToGndIntkB1_C	1x1
DFC_DisblMsk.DFC_GEVlvPhaPsShoToGndOutlB1_C	1x1
DFC_DisblMsk.DFC_GbxAlvChk_C	1x1
DFC_DisblMsk.DFC_GbxNPos1SRCMax_C	1x1
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DFC_DisblMsk.DFC_GbxRevLckOt_C	1x1
DFC_DisblMsk.DFC_GbxRevLckSCB_C	1x1
DFC_DisblMsk.DFC_GbxRevLckSCG_C	1x1
DFC_DisblMsk.DFC_GbxSleepErr_C	1x1
DFC_DisblMsk.DFC_GbxSpdPlausErr_C	1x1
DFC_DisblMsk.DFC_LinCSErrACG_C	1x1
DFC_DisblMsk.DFC_LinCSErrDCDC_C	1x1
DFC_DisblMsk.DFC_LinCSErrEBS_C	1x1
DFC_DisblMsk.DFC_LinFrameErrACG_C	1x1
DFC_DisblMsk.DFC_LinFrameErrDCDC_C	1x1
DFC_DisblMsk.DFC_LinFrameErrEBS_C	1x1
DFC_DisblMsk.DFC_LinHdrTimeoutErrACG_C	1x1
DFC_DisblMsk.DFC_LinHdrTimeoutErrDCDC_C	1x1
DFC_DisblMsk.DFC_LinHdrTimeoutErrEBS_C	1x1
DFC_DisblMsk.DFC_LinMsgTimeoutErrACG_C	1x1
DFC_DisblMsk.DFC_LinMsgTimeoutErrDCDC_C	1x1
DFC_DisblMsk.DFC_LinMsgTimeoutErrEBS_C	1x1
DFC_DisblMsk.DFC_LinNoStrtComErr_C	1x1
DFC_DisblMsk.DFC_LinOverrunErrACG_C	1x1
DFC_DisblMsk.DFC_LinOverrunErrDCDC_C	1x1
DFC_DisblMsk.DFC_LinOverrunErrEBS_C	1x1
DFC_DisblMsk.DFC_LinParityErr_C	1x1
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DFC_DisblMsk.DFC_METtiDeb_C	1x1
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DFC_DisblMsk.DFC_MonUMinSupply1_C	1x1
DFC_DisblMsk.DFC_OilAbnormErr_C	1x1
DFC_DisblMsk.DFC_OilErr_C	1x1
DFC_DisblMsk.DFC_PEnvSigRngMax_C	1x1
DFC_DisblMsk.DFC_PEnvSigRngMin_C	1x1
DFC_DisblMsk.DFC_Pmd_PeriMon_C	1x1
DFC_DisblMsk.DFC_SSpMon1_C	1x1
DFC_DisblMsk.DFC_SSpMon1OV_C	1x1
DFC_DisblMsk.DFC_SSpMon1SCG_C	1x1
DFC_DisblMsk.DFC_SSpMon1UV_C	1x1
DFC_DisblMsk.DFC_SSpMon2_C	1x1
DFC_DisblMsk.DFC_SSpMon2OV_C	1x1
DFC_DisblMsk.DFC_SSpMon2SCG_C	1x1
DFC_DisblMsk.DFC_SSpMon2UV_C	1x1
DFC_DisblMsk.DFC_SSpMon3_C	1x1
DFC_DisblMsk.DFC_SSpMon3OV_C	1x1
DFC_DisblMsk.DFC_SSpMon3SCG_C	1x1
DFC_DisblMsk.DFC_SSpMon3UV_C	1x1
DFC_DisblMsk.DFC_StmFault_C	1x1
DFC_DisblMsk.DFC_StrtCtOffPth_C	1x1
DFC_DisblMsk.DFC_StrtCtlErr_C	1x1
DFC_DisblMsk.DFC_StrtFault_C	1x1
DFC_DisblMsk.DFC_StrtLckJudg1_C	1x1
DFC_DisblMsk.DFC_StrtLckJudg2_C	1x1
DFC_DisblMsk.DFC_StrtOL_C	1x1
DFC_DisblMsk.DFC_StrtOL2_C	1x1

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DFC_DisblMsk.DFC_StrtSCG_C	1x1
DFC_DisblMsk.DFC_StrtSCG2_C	1x1
DFC_DisblMsk.DFC_StrtStkRly1_C	1x1
DFC_DisblMsk.DFC_StrtStkRly2_C	1x1
DFC_DisblMsk.DFC_T50OL_C	1x1
DFC_DisblMsk.DFC_VehVAllPlaus_C	1x1
DFC_DisblMsk.DFC_VehVPlausCan_C	1x1
DFC_DisblMsk.DFC_VehVPlausFco_C	1x1
DFC_DisblMsk.DFC_VehVPlausPwr_C	1x1
DFC_DisblMsk.DFC_VehVPlausV2N_C	1x1
DFC_DisblMsk.DFC_ClthMax_C	1x1
DFC_DisblMsk.DFC_IgnClPsDevIdentErr1_C	1x1
DFC_DisblMsk.DFC_IgnClPsDevSpiErr1_C	1x1
DFC_DisblMsk.DFC_IgnClPsOpenLoad0_C	1x1
DFC_DisblMsk.DFC_IgnClPsOpenLoad1_C	1x1
DFC_DisblMsk.DFC_IgnClPsOpenLoad2_C	1x1
DFC_DisblMsk.DFC_IgnClPsOpenLoad3_C	1x1
DFC_DisblMsk.DFC_IgnClPsShCirBatt0_C	1x1
DFC_DisblMsk.DFC_IgnClPsShCirBatt1_C	1x1
DFC_DisblMsk.DFC_IgnClPsShCirBatt2_C	1x1
DFC_DisblMsk.DFC_IgnClPsShCirBatt3_C	1x1
DFC_DisblMsk.DFC_IgnClPsShCirGnd0_C	1x1
DFC_DisblMsk.DFC_IgnClPsShCirGnd1_C	1x1
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DFC_DisblMsk.DFC_IgnClPsShCirGnd3_C	1x1
DFC_DisblMsk.DFC_KRVEKOEVAB_C	1x1
DFC_DisblMsk.DFC_KRVEKOEVAB0_C	1x1
DFC_DisblMsk.DFC_KRVEKOEVAB1_C	1x1
DFC_DisblMsk.DFC_KRVEKOEVAB2_C	1x1
DFC_DisblMsk.DFC_KRVEKOEVAB3_C	1x1
DFC_DisblMsk.DFC_MfPsNonPlausible_C	1x1
DFC_DisblMsk.DFC_T50RetOL_C	1x1
DFC_DisblMsk.DFC_T50RetSCB_C	1x1
DFC_DisblMsk.DFC_T50SCB_C	1x1
DFC_DisblMsk.DFC_UEGOASICS1B1_C	1x1
DFC_DisblMsk.DFC_UEGOOLIPES1B1_C	1x1
DFC_DisblMsk.DFC_UEGOOLRES1B1_C	1x1
DFC_DisblMsk.DFC_UEGOSCBS1B1_C	1x1
DFC_DisblMsk.DFC_UEGOSCGS1B1_C	1x1
DFC_DisblMsk.DFC_UEGOSPIS1B1_C	1x1
DFC_DisblMsk.DFC_UEGOSnsrS1B1_C	1x1
DFC_DisblMsk.DFC_UegoOlApesS1B1_C	1x1
DFC_DisblMsk.DFC_UegoOlRCmpS1B1_C	1x1
DFC_DisblMsk.DFC_AirCCmprOL_C	1x1
DFC_DisblMsk.DFC_AirCCmprOvrTemp_C	1x1
DFC_DisblMsk.DFC_AirCCmprSCB_C	1x1
DFC_DisblMsk.DFC_AirCCmprSCG_C	1x1
DFC_DisblMsk.DFC_AltErr_C	1x1
DFC_DisblMsk.DFC_BattUSRCMax_C	1x1
DFC_DisblMsk.DFC_BattUSRCMin_C	1x1
DFC_DisblMsk.DFC_DevLibBattUHi_C	1x1
DFC_DisblMsk.DFC_DevLibBattULo_C	1x1
DFC_DisblMsk.DFC_FanDIOOL_0_C	1x1
DFC_DisblMsk.DFC_FanDIOOL_1_C	1x1
DFC_DisblMsk.DFC_FanDIOOvrTemp_0_C	1x1
DFC_DisblMsk.DFC_FanDIOOvrTemp_1_C	1x1
DFC_DisblMsk.DFC_FanDIOSCB_0_C	1x1
DFC_DisblMsk.DFC_FanDIOSCB_1_C	1x1
DFC_DisblMsk.DFC_FanDIOSCG_0_C	1x1
DFC_DisblMsk.DFC_FanDIOSCG_1_C	1x1
DFC_DisblMsk.DFC_PSPOL_C	1x1
DFC_DisblMsk.DFC_PSPOvrTemp_C	1x1
DFC_DisblMsk.DFC_PSPSCB_C	1x1
DFC_DisblMsk.DFC_PSPSCG_C	1x1
DFC_DisblMsk.DFC_VehVSclOutOL_C	1x1
DFC_DisblMsk.DFC_VehVSclOutOT_C	1x1
DFC_DisblMsk.DFC_VehVSclOutSCB_C	1x1
DFC_DisblMsk.DFC_VehVSclOutSCG_C	1x1
DFC_DisblMsk.DFC_VehVSigFL_C	1x1
DFC_DisblMsk.DFC_VehVSigFR_C	1x1
DFC_DisblMsk.DFC_VehVSigRL_C	1x1
DFC_DisblMsk.DFC_VehVSigRR_C	1x1
DFC_DisblMsk.DFC_VlvLftFbSwtExh11SpclFail_C	1x1
DFC_DisblMsk.DFC_VlvLftFbSwtExh11StdFail_C	1x1
DFC_DisblMsk.DFC_DHFHD_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_NoLd_0_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_NoLd_1_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_NoLd_2_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_NoLd_3_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_ScBnk_0_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_ScBnk_1_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_ScBnk_2_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_ScBnk_3_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_ScCyl_0_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_ScCyl_1_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_ScCyl_2_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_ScCyl_3_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_ScHsLs_0_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_ScHsLs_1_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_ScHsLs_2_C	1x1
DFC_DisblMsk.DFC_InjVlv_DI_ScHsLs_3_C	1x1
DFC_DisblMsk.DFC_MfPsDiaOpenLoad1_C	1x1
DFC_DisblMsk.DFC_MfPsDiaScHiS1_C	1x1
DFC_DisblMsk.DFC_MfPsDiaScHiSLowS1_C	1x1
DFC_DisblMsk.DFC_MfPsDiaScLowS1_C	1x1
DFC_DisblMsk.DFC_MfPsOpenLoad_C	1x1
DFC_DisblMsk.DFC_MfPsShCirBattLowSide_C	1x1

DFC_DisblMsk.DFC_MfPsShCirGndLowSide_C	1x1
DFC_DisblMsk.DFC_ACEvpTPhysRngHi_C	1x1
DFC_DisblMsk.DFC_ACEvpTPhysRngLo_C	1x1
DFC_DisblMsk.DFC_ACEvpTSRCMax_C	1x1
DFC_DisblMsk.DFC_ACEvpTSRCMin_C	1x1
DFC_DisblMsk.DFC_AirCClntPAnaSRCMax_C	1x1
DFC_DisblMsk.DFC_AirCClntPAnaSRCMin_C	1x1
DFC_DisblMsk.DFC_AirCSwtNpl_C	1x1
DFC_DisblMsk.DFC_AirCSwtSig_C	1x1
DFC_DisblMsk.DFC_Brk_C	1x1
DFC_DisblMsk.DFC_BrkBstSensSCB_C	1x1
DFC_DisblMsk.DFC_BrkBstSensSCG_C	1x1
DFC_DisblMsk.DFC_BrkPPhysRngHi_C	1x1
DFC_DisblMsk.DFC_BrkPPhysRngLo_C	1x1
DFC_DisblMsk.DFC_BrkSig_C	1x1
DFC_DisblMsk.DFC_ClthSig_C	1x1
DFC_DisblMsk.DFC_EngSpdOL_C	1x1
DFC_DisblMsk.DFC_EngSpdOT_C	1x1
DFC_DisblMsk.DFC_EngSpdSCB_C	1x1
DFC_DisblMsk.DFC_EngSpdSCG_C	1x1
DFC_DisblMsk.DFC_GbxNPosSig_C	1x1
DFC_DisblMsk.DFC_HLSDemOvhtEngLim_C	1x1
DFC_DisblMsk.DFC_OilPSwmpSRCMax_C	1x1
DFC_DisblMsk.DFC_OilPSwmpSRCMin_C	1x1
DFC_DisblMsk.DFC_VehVPhysRngHi_C	1x1
DFC_DisblMsk.DFC_VehVPhysRngLo_C	1x1
DFC_DisblMsk.DFC_VehVSigCan_C	1x1
DFC_DisblMsk.DFC_VehVSigCanSafe_C	1x1
DFC_DisblMsk.DFC_ClthNpl_C	1x1
DFC_DisblMsk.DFC_MRlySCG_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlFrntLeOORHi_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlFrntLeRatyHi_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlFrntLeRatyLo_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlFrntLeStuck_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlFrntRiOORHi_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlFrntRiRatyHi_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlFrntRiRatyLo_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlFrntRiStuck_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlReLeOORHi_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlReLeRatyHi_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlReLeRatyLo_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlReLeStuck_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlReRiOORHi_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlReRiRatyHi_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlReRiRatyLo_C	1x1
DFC_DisblMsk.DFC_MisfDetVWhlReRiStuck_C	1x1
DFC_DisblMsk.DFC_PEnvCcMax_C	1x1
DFC_DisblMsk.DFC_PEnvCcMin_C	1x1
DFC_DisblMsk.DFC_PEnvPlausMax_C	1x1
DFC_DisblMsk.DFC_PEnvPlausMin_C	1x1
DFC_DisblMsk.DFC_PEnvRngChkMax_C	1x1
DFC_DisblMsk.DFC_PEnvRngChkMin_C	1x1
DFC_DisblMsk.DFC_PEnvSnsrPlaus_C	1x1
DFC_DisblMsk.DFC_UEGOHeatrPsS1B1Max_C	1x1
DFC_DisblMsk.DFC_UEGOHeatrPsS1B1Min_C	1x1
DFC_DisblMsk.DFC_UEGOHeatrPsS1B1Sig_C	1x1
DFC_DisblMsk.DFC_UEGOHeatrRlyPsOLS1B1_C	1x1
DFC_DisblMsk.DFC_UEGOHeatrRlyPsSCBS1B1_C	1x1
DFC_DisblMsk.DFC_UEGOHeatrRlyPsSCGS1B1_C	1x1
DFC_DisblMsk.DFC_KnDetSens1PortAMax_C	1x1
DFC_DisblMsk.DFC_KnDetSens1PortAMin_C	1x1
DFC_DisblMsk.DFC_KnDetSens1PortBMax_C	1x1
DFC_DisblMsk.DFC_KnDetSens1PortBMin_C	1x1
DFC_DisblMsk.DFC_AFIMRAWZlean_0_C	1x1
DFC_DisblMsk.DFC_AFIMRAWZlean_1_C	1x1
DFC_DisblMsk.DFC_AFIMRAWZlean_2_C	1x1
DFC_DisblMsk.DFC_AFIMRAWZlean_3_C	1x1
DFC_DisblMsk.DFC_AFIMRAWZrich_0_C	1x1
DFC_DisblMsk.DFC_AFIMRAWZrich_1_C	1x1
DFC_DisblMsk.DFC_AFIMRAWZrich_2_C	1x1
DFC_DisblMsk.DFC_AFIMRAWZrich_3_C	1x1
DFC_DisblMsk.DFC_AFIMRAWlean_C	1x1
DFC_DisblMsk.DFC_AFIMRAWrich_C	1x1
DFC_DisblMsk.DFC_AFIMZlean_0_C	1x1
DFC_DisblMsk.DFC_AFIMZlean_1_C	1x1
DFC_DisblMsk.DFC_AFIMZlean_2_C	1x1
DFC_DisblMsk.DFC_AFIMZlean_3_C	1x1
DFC_DisblMsk.DFC_AFIMZrich_0_C	1x1
DFC_DisblMsk.DFC_AFIMZrich_1_C	1x1
DFC_DisblMsk.DFC_AFIMZrich_2_C	1x1
DFC_DisblMsk.DFC_AFIMZrich_3_C	1x1
DFC_DisblMsk.DFC_AFIMlean_C	1x1
DFC_DisblMsk.DFC_AFIMrich_C	1x1
DFC_DisblMsk.DFC_Clth2ONStuck_C	1x1
DFC_DisblMsk.DFC_Clth2ONStuckLdc_C	1x1
DFC_DisblMsk.DFC_Clth3ONStuckLdc_C	1x1
DFC_DisblMsk.DFC_Clth3ONStuckPostDrv_C	1x1
DFC_DisblMsk.DFC_Clth4ONStuck_C	1x1
DFC_DisblMsk.DFC_Clth4ONStuckLdc_C	1x1
DFC_DisblMsk.DFC_DSTDmax_C	1x1
DFC_DisblMsk.DFC_DYLSUmin_C	1x1
DFC_DisblMsk.DFC_EEPEraseErr_C	1x1
DFC_DisblMsk.DFC_EbsSocFlt_C	1x1
DFC_DisblMsk.DFC_EepShdw_C	1x1
DFC_DisblMsk.DFC_EngPrtTMFWShOff_C	1x1
DFC_DisblMsk.DFC_I14229VINErr_C	1x1
DFC_DisblMsk.DFC_InjCatHeatgErr_C	1x1
DFC_DisblMsk.DFC_LLRHmax_C	1x1
DFC_DisblMsk.DFC_LLRHmin_C	1x1

DFC_DisblMsk.DFC_LLRHnpl_C	1x1
DFC_DisblMsk.DFC_LLRKHmax_C	1x1
DFC_DisblMsk.DFC_LLRKHmin_C	1x1
DFC_DisblMsk.DFC_LLRKHnpl_C	1x1
DFC_DisblMsk.DFC_OilPlausErr_C	1x1
DFC_DisblMsk.DFC_RoughRoad_C	1x1
DFC_DisblMsk.DFC_SiaEEPRdErr_C	1x1
DFC_DisblMsk.DFC_SiaEEPWrngCod_C	1x1
DFC_DisblMsk.DFC_Tprot_Rttp_Err_C	1x1
DFC_DisblMsk.DFC_UegoDummy_C	1x1
DFC_DisblMsk.DFC_VehVMax_C	1x1
DFC_DisblMsk.DFC_VehVPlaus_C	1x1
DFC_DisblMsk.DFC_AAVEmax_C	1x1
DFC_DisblMsk.DFC_AAVEmin_C	1x1
DFC_DisblMsk.DFC_AAVEsig_C	1x1
DFC_DisblMsk.DFC_AAVmin_C	1x1
DFC_DisblMsk.DFC_BBKRnldg_C	1x1
DFC_DisblMsk.DFC_BBKRsyne_C	1x1
DFC_DisblMsk.DFC_BigLeakIntkMnfldEmiInfl_C	1x1
DFC_DisblMsk.DFC_BrkMnSwtContOnWarnLmp_C	1x1
DFC_DisblMsk.DFC_BrkMnSwtNotStpWarnLmp_C	1x1
DFC_DisblMsk.DFC_BrkMnSwtContOnWarnLmp_C	1x1
DFC_DisblMsk.DFC_BrkMnSwtNotStpWarnLmp_C	1x1
DFC_DisblMsk.DFC_BrkRdntSwtContOnWarnLmp_C	1x1
DFC_DisblMsk.DFC_BrkRdntSwtNotStpWarnLmp_C	1x1
DFC_DisblMsk.DFC_CEngDsTColdStrtMax_C	1x1
DFC_DisblMsk.DFC_CEngDsTColdStrtMin_C	1x1
DFC_DisblMsk.DFC_CEngDsTImps_C	1x1
DFC_DisblMsk.DFC_CEngDsTPlausHSC_C	1x1
DFC_DisblMsk.DFC_CEngDsTPlausLSC_C	1x1
DFC_DisblMsk.DFC_CEngDsTPlausSTC_C	1x1
DFC_DisblMsk.DFC_CEngDsTSRCMax_C	1x1
DFC_DisblMsk.DFC_CEngDsTSRCMin_C	1x1
DFC_DisblMsk.DFC_CEngDsTSig_C	1x1
DFC_DisblMsk.DFC_CEngUsTSRCMax_C	1x1
DFC_DisblMsk.DFC_CEngUsTSRCMin_C	1x1
DFC_DisblMsk.DFC_CFCmax_C	1x1
DFC_DisblMsk.DFC_CILCNMsfMax_0_C	1x1
DFC_DisblMsk.DFC_CILCNMsfMax_1_C	1x1
DFC_DisblMsk.DFC_CILCNMsfMax_2_C	1x1
DFC_DisblMsk.DFC_CILCNMsfMax_3_C	1x1
DFC_DisblMsk.DFC_CILCNMsfMaxSum_C	1x1
DFC_DisblMsk.DFC_CtT_C	1x1
DFC_DisblMsk.DFC_DCDCFltDet_C	1x1
DFC_DisblMsk.DFC_DFRMmax_C	1x1
DFC_DisblMsk.DFC_DFRMmin_C	1x1
DFC_DisblMsk.DFC_DKRSA_C	1x1
DFC_DisblMsk.DFC_DKVSmax_C	1x1
DFC_DisblMsk.DFC_DKnpl_C	1x1
DFC_DisblMsk.DFC_DSKVRmax_C	1x1
DFC_DisblMsk.DFC_DSKVRmin_C	1x1
DFC_DisblMsk.DFC_DSKVRnpl_C	1x1
DFC_DisblMsk.DFC_DSKVRsig_C	1x1
DFC_DisblMsk.DFC_DSKVRnpl_C	1x1
DFC_DisblMsk.DFC_DSKVRsig_C	1x1
DFC_DisblMsk.DFC_DSKVSsig_C	1x1
DFC_DisblMsk.DFC_DSKVmax_C	1x1
DFC_DisblMsk.DFC_DSKVmin_C	1x1
DFC_DisblMsk.DFC_DSKVnpl_C	1x1
DFC_DisblMsk.DFC_DSLmax_C	1x1
DFC_DisblMsk.DFC_DSSmax_C	1x1
DFC_DisblMsk.DFC_DSTEmax_C	1x1
DFC_DisblMsk.DFC_DSTEmin_C	1x1
DFC_DisblMsk.DFC_DSTRmax_C	1x1
DFC_DisblMsk.DFC_DSTRmin_C	1x1
DFC_DisblMsk.DFC_DSTRnpl_C	1x1
DFC_DisblMsk.DFC_DSTRsig_C	1x1
DFC_DisblMsk.DFC_DSTTI_C	1x1
DFC_DisblMsk.DFC_DSTmax_C	1x1
DFC_DisblMsk.DFC_DSUmax_C	1x1
DFC_DisblMsk.DFC_EEPRdErr_C	1x1
DFC_DisblMsk.DFC_EEPWrErr_C	1x1
DFC_DisblMsk.DFC_EGFEmax_C	1x1
DFC_DisblMsk.DFC_EGFEmin_C	1x1
DFC_DisblMsk.DFC_EGSDUS2B1LtrDly_C	1x1
DFC_DisblMsk.DFC_EGSDUS2B1LtrPT1_C	1x1
DFC_DisblMsk.DFC_EGSDUS2B1RtlDly_C	1x1
DFC_DisblMsk.DFC_EGSDUS2B1RtlPT1_C	1x1
DFC_DisblMsk.DFC_EGSDUS2B1TarLean_C	1x1
DFC_DisblMsk.DFC_EGSDUS2B1TarRich_C	1x1
DFC_DisblMsk.DFC_EONVmax_C	1x1
DFC_DisblMsk.DFC_ETAKHLmax_C	1x1
DFC_DisblMsk.DFC_ETAKHTmax_C	1x1
DFC_DisblMsk.DFC_EngPrtOvrSpdMon_C	1x1
DFC_DisblMsk.DFC_EnvTMBCMax_C	1x1
DFC_DisblMsk.DFC_EngPrtOvrSpdMon_C	1x1
DFC_DisblMsk.DFC_EnvTMBCMax_C	1x1
DFC_DisblMsk.DFC_EnvTMBCMin_C	1x1
DFC_DisblMsk.DFC_EnvTPRCMax_C	1x1
DFC_DisblMsk.DFC_EnvTPRCMin_C	1x1
DFC_DisblMsk.DFC_EpmCaSI1ErrSig_C	1x1
DFC_DisblMsk.DFC_EpmCaSI1MntErr_C	1x1
DFC_DisblMsk.DFC_EpmCaSI1NoSigMax_C	1x1
DFC_DisblMsk.DFC_EpmCaSI1NoSigMin_C	1x1
DFC_DisblMsk.DFC_EpmCaSI1OfsErr_C	1x1
DFC_DisblMsk.DFC_EpmCaSO1ErrSig_C	1x1
DFC_DisblMsk.DFC_EpmCaSO1MntErr_C	1x1
DFC_DisblMsk.DFC_EpmCaSO1NoSigMax_C	1x1
DFC_DisblMsk.DFC_EpmCaSO1NoSigMin_C	1x1
DFC_DisblMsk.DFC_EpmCaSO1OfsErr_C	1x1
DFC_DisblMsk.DFC_EpmCrSDGI_C	1x1
DFC_DisblMsk.DFC_EpmCrSErrSig_C	1x1
DFC_DisblMsk.DFC_EpmCrSNoSig_C	1x1
DFC_DisblMsk.DFC_FRAmax_C	1x1
DFC_DisblMsk.DFC_FRAmin_C	1x1

DFC_DisblMsk.DFC_FSTEmax_C	1x1
DFC_DisblMsk.DFC_FSTEmin_C	1x1
DFC_DisblMsk.DFC_FSTRmax_C	1x1
DFC_DisblMsk.DFC_FSTRmin_C	1x1
DFC_DisblMsk.DFC_FSTRnpl_C	1x1
DFC_DisblMsk.DFC_FSTmax_C	1x1
DFC_DisblMsk.DFC_FTDLAmax_C	1x1
DFC_DisblMsk.DFC_FTDLAmin_C	1x1
DFC_DisblMsk.DFC_GEVlvLockPinDiagIntkB1_C	1x1
DFC_DisblMsk.DFC_GEVlvLockPinDiagOutlB1_C	1x1
DFC_DisblMsk.DFC_GEVlvPhaCsersExtdIntkB1_C	1x1
DFC_DisblMsk.DFC_GEVlvPhaCsersExtdOutlB1_C	1x1
DFC_DisblMsk.DFC_GEVlvPhaCsersIntkB1_C	1x1
DFC_DisblMsk.DFC_GEVlvPhaCsersOutlB1_C	1x1
DFC_DisblMsk.DFC_GEVlvPhaSlowIntkB1_C	1x1
DFC_DisblMsk.DFC_GEVlvPhaSlowOutlB1_C	1x1
DFC_DisblMsk.DFC_GEVlvPhaTargIntkB1_C	1x1
DFC_DisblMsk.DFC_GEVlvPhaTargOutlB1_C	1x1
DFC_DisblMsk.DFC_GbxRvsSwtStk_C	1x1
DFC_DisblMsk.DFC_HDRKHmax_C	1x1
DFC_DisblMsk.DFC_HDRKHmin_C	1x1
DFC_DisblMsk.DFC_HDRPLmax_C	1x1
DFC_DisblMsk.DFC_HDRPLmin_C	1x1
DFC_DisblMsk.DFC_HDRmax_C	1x1
DFC_DisblMsk.DFC_HDRmin_C	1x1
DFC_DisblMsk.DFC_HEGOS2B1ElecMax_C	1x1
DFC_DisblMsk.DFC_HEGOS2B1ElecMin_C	1x1
DFC_DisblMsk.DFC_HEGOS2B1ElecNpl_C	1x1
DFC_DisblMsk.DFC_HEGOS2B1ElecSig_C	1x1
DFC_DisblMsk.DFC_HEGOS2B1HtgNpl_C	1x1
DFC_DisblMsk.DFC_HEGOS2B1HtrPsMax_C	1x1
DFC_DisblMsk.DFC_HEGOS2B1HtrPsMin_C	1x1
DFC_DisblMsk.DFC_HEGOS2B1HtrPsSig_C	1x1
DFC_DisblMsk.DFC_HEV00max_C	1x1
DFC_DisblMsk.DFC_HEV01max_C	1x1
DFC_DisblMsk.DFC_HEV02max_C	1x1
DFC_DisblMsk.DFC_HEV03max_C	1x1
DFC_DisblMsk.DFC_HEVE0max_C	1x1
DFC_DisblMsk.DFC_HEVE1max_C	1x1
DFC_DisblMsk.DFC_HFM1Emax_C	1x1
DFC_DisblMsk.DFC_HFM1Emin_C	1x1
DFC_DisblMsk.DFC_HFM1Esig_C	1x1
DFC_DisblMsk.DFC_HFMEmax_C	1x1
DFC_DisblMsk.DFC_HFMRmax_C	1x1
DFC_DisblMsk.DFC_HFMRmin_C	1x1
DFC_DisblMsk.DFC_HFMRnpl_C	1x1
DFC_DisblMsk.DFC_HFMRsig_C	1x1
DFC_DisblMsk.DFC_HFMVmax_C	1x1
DFC_DisblMsk.DFC_HFMmax_C	1x1
DFC_DisblMsk.DFC_IVGdiCtlCvoErrMax_0_C	1x1
DFC_DisblMsk.DFC_IVGdiCtlCvoErrMax_1_C	1x1
DFC_DisblMsk.DFC_IVGdiCtlCvoErrMax_2_C	1x1
DFC_DisblMsk.DFC_IVGdiCtlCvoErrMax_3_C	1x1
DFC_DisblMsk.DFC_IVGdiCtlCvoErrMin_0_C	1x1
DFC_DisblMsk.DFC_IVGdiCtlCvoErrMin_1_C	1x1
DFC_DisblMsk.DFC_IVGdiCtlCvoErrMin_2_C	1x1
DFC_DisblMsk.DFC_IVGdiCtlCvoErrMin_3_C	1x1
DFC_DisblMsk.DFC_IVGdiCtlCvoErrMinMax_C	1x1
DFC_DisblMsk.DFC_IVGdiCtlCvoSigPlausErrSmrCdn_C	1x1
DFC_DisblMsk.DFC_IVGdiCtl_CvoErr_C	1x1
DFC_DisblMsk.DFC_IVGdiCtl_CvoSigPlaus_0_C	1x1
DFC_DisblMsk.DFC_IVGdiCtl_CvoSigPlaus_1_C	1x1
DFC_DisblMsk.DFC_IVGdiCtl_CvoSigPlaus_2_C	1x1
DFC_DisblMsk.DFC_IVGdiCtl_CvoSigPlaus_3_C	1x1
DFC_DisblMsk.DFC_IntkAirTAirFltDsCrssMax_C	1x1
DFC_DisblMsk.DFC_IntkAirTAirFltDsCrssMin_C	1x1
DFC_DisblMsk.DFC_IntkAirTAirFltDsHSCMax_C	1x1
DFC_DisblMsk.DFC_IntkAirTAirFltDsImps_C	1x1
DFC_DisblMsk.DFC_IntkAirTAirFltDsPRCMax_C	1x1
DFC_DisblMsk.DFC_IntkAirTAirFltDsPRCMin_C	1x1
DFC_DisblMsk.DFC_IntkAirTAirFltDsSRCMax_C	1x1
DFC_DisblMsk.DFC_IntkAirTAirFltDsSRCMin_C	1x1
DFC_DisblMsk.DFC_IntkAirTAirFltDsSTC_C	1x1
DFC_DisblMsk.DFC_IntkAirTIntkMnfldCrssMax_C	1x1
DFC_DisblMsk.DFC_IntkAirTIntkMnfldCrssMin_C	1x1
DFC_DisblMsk.DFC_IntkAirTIntkMnfldHSCMax_C	1x1
DFC_DisblMsk.DFC_IntkAirTIntkMnfldImps_C	1x1
DFC_DisblMsk.DFC_IntkAirTIntkMnfldPRCMax_C	1x1
DFC_DisblMsk.DFC_IntkAirTIntkMnfldPRCMin_C	1x1
DFC_DisblMsk.DFC_IntkAirTIntkMnfldSRCMax_C	1x1
DFC_DisblMsk.DFC_IntkAirTIntkMnfldSRCMax_C	1x1
DFC_DisblMsk.DFC_IntkAirTIntkMnfldSRCMin_C	1x1
DFC_DisblMsk.DFC_IntkAirTIntkMnfldSTC_C	1x1
DFC_DisblMsk.DFC_KRREGRLMX_C	1x1
DFC_DisblMsk.DFC_KRVEKOCVLCl_C	1x1
DFC_DisblMsk.DFC_KRVEKOENCHMT_C	1x1
DFC_DisblMsk.DFC_KRVEKORLMX_C	1x1
DFC_DisblMsk.DFC_KRVEKORLMXL_C	1x1
DFC_DisblMsk.DFC_KS1max_C	1x1
DFC_DisblMsk.DFC_KS1min_C	1x1
DFC_DisblMsk.DFC_LDRRmax_C	1x1
DFC_DisblMsk.DFC_LDRRmin_C	1x1
DFC_DisblMsk.DFC_LMmax_C	1x1
DFC_DisblMsk.DFC_LZSRnpl_C	1x1
DFC_DisblMsk.DFC_LamDynDiagS1B1_C	1x1
DFC_DisblMsk.DFC_LeakIntkMnfldEmiInfl_C	1x1
DFC_DisblMsk.DFC_MD_C	1x1
DFC_DisblMsk.DFC_MDBmax_C	1x1
DFC_DisblMsk.DFC_MDCatCrit_C	1x1
DFC_DisblMsk.DFC_MDCyl_0_C	1x1

DFC_DisblMsk.DFC_MDCyl_1_C	1x1
DFC_DisblMsk.DFC_MDCyl_2_C	1x1
DFC_DisblMsk.DFC_MDCyl_3_C	1x1
DFC_DisblMsk.DFC_MDFC_C	1x1
DFC_DisblMsk.DFC_MRlyErlyOpng_C	1x1
DFC_DisblMsk.DFC_MRlyErlyOpngRng_C	1x1
DFC_DisblMsk.DFC_MRlyStk_C	1x1
DFC_DisblMsk.DFC_MoCADCNTP_C	1x1
DFC_DisblMsk.DFC_MoCADCTst_C	1x1
DFC_DisblMsk.DFC_MoCComctErrMM_C	1x1
DFC_DisblMsk.DFC_MoFAPP_C	1x1
DFC_DisblMsk.DFC_MoFAirFilgPrdc_C	1x1
DFC_DisblMsk.DFC_MoFAirFlCtOff_C	1x1
DFC_DisblMsk.DFC_MoFAirFlCyl_C	1x1
DFC_DisblMsk.DFC_MoFESpd_C	1x1
DFC_DisblMsk.DFC_MoFGkc_C	1x1
DFC_DisblMsk.DFC_MoFICOL1_C	1x1
DFC_DisblMsk.DFC_MoFICOL2_C	1x1
DFC_DisblMsk.DFC_MoFModc_C	1x1
DFC_DisblMsk.DFC_MoFRlc_C	1x1
DFC_DisblMsk.DFC_MoFStrt_C	1x1
DFC_DisblMsk.DFC_MoFTrqCmp_C	1x1
DFC_DisblMsk.DFC_MoFZwc_C	1x1
DFC_DisblMsk.DFC_NWSAmax_C	1x1
DFC_DisblMsk.DFC_NWSEmax_C	1x1
DFC_DisblMsk.DFC_NWSmax_C	1x1
DFC_DisblMsk.DFC_OCWDAActv_C	1x1
DFC_DisblMsk.DFC_OCWDACom_C	1x1
DFC_DisblMsk.DFC_OCWDAOvrVltg_C	1x1
DFC_DisblMsk.DFC_ORAmax_C	1x1
DFC_DisblMsk.DFC_ORAmin_C	1x1
DFC_DisblMsk.DFC_OilPPlaus_C	1x1
DFC_DisblMsk.DFC_PLLSUmax_C	1x1
DFC_DisblMsk.DFC_PLLSUmin_C	1x1
DFC_DisblMsk.DFC_PSR1max_C	1x1
DFC_DisblMsk.DFC_PSRBmax_C	1x1
DFC_DisblMsk.DFC_PSRBmin_C	1x1
DFC_DisblMsk.DFC_PSRBnpl_C	1x1
DFC_DisblMsk.DFC_PSRBsig_C	1x1
DFC_DisblMsk.DFC_PSREmax_C	1x1
DFC_DisblMsk.DFC_PSREmin_C	1x1
DFC_DisblMsk.DFC_PSRPmax_C	1x1
DFC_DisblMsk.DFC_PSRPmin_C	1x1
DFC_DisblMsk.DFC_PSRPsig_C	1x1
DFC_DisblMsk.DFC_PSRmax_C	1x1
DFC_DisblMsk.DFC_PUmax_C	1x1
DFC_DisblMsk.DFC_PVD1max_C	1x1
DFC_DisblMsk.DFC_PVDEmax_C	1x1
DFC_DisblMsk.DFC_PVDEmin_C	1x1
DFC_DisblMsk.DFC_PVDRmax_C	1x1
DFC_DisblMsk.DFC_PVDRmin_C	1x1
DFC_DisblMsk.DFC_PVDRnpl_C	1x1
DFC_DisblMsk.DFC_PVDRsig_C	1x1
DFC_DisblMsk.DFC_PVDmax_C	1x1
DFC_DisblMsk.DFC_SRCHighAPP1_C	1x1
DFC_DisblMsk.DFC_SRCHighAPP2_C	1x1
DFC_DisblMsk.DFC_SRCLowAPP1_C	1x1
DFC_DisblMsk.DFC_SRCLowAPP2_C	1x1
DFC_DisblMsk.DFC_STATFUmax_C	1x1
DFC_DisblMsk.DFC_STATFUmin_C	1x1
DFC_DisblMsk.DFC_STATFUnpl_C	1x1
DFC_DisblMsk.DFC_STHDRmax_C	1x1
DFC_DisblMsk.DFC_SUVRnpl_C	1x1
DFC_DisblMsk.DFC_SUVmax_C	1x1
DFC_DisblMsk.DFC_SWReset_0_C	1x1
DFC_DisblMsk.DFC_SWReset_1_C	1x1
DFC_DisblMsk.DFC_SWReset_2_C	1x1
DFC_DisblMsk.DFC_StopCntTmr_C	1x1
DFC_DisblMsk.DFC_Stsys_trqshutoff_C	1x1
DFC_DisblMsk.DFC_SyncAPP_C	1x1
DFC_DisblMsk.DFC_TACSmax_Dummy_C	1x1
DFC_DisblMsk.DFC_TANKLnpl_C	1x1
DFC_DisblMsk.DFC_TANLESUMmax_Dummy_C	1x1
DFC_DisblMsk.DFC_TANLFmax_Dummy_C	1x1
DFC_DisblMsk.DFC_TARmax_Dummy_C	1x1
DFC_DisblMsk.DFC_TASRESUMmax_Dummy_C	1x1
DFC_DisblMsk.DFC_TASRmax_Dummy_C	1x1
DFC_DisblMsk.DFC_TAmax_Dummy_C	1x1
DFC_DisblMsk.DFC_TESFmax_C	1x1
DFC_DisblMsk.DFC_TESGmax_C	1x1
DFC_DisblMsk.DFC_TESKmax_C	1x1
DFC_DisblMsk.DFC_TESPL_C	1x1
DFC_DisblMsk.DFC_TESmax_C	1x1
DFC_DisblMsk.DFC_TESmin_C	1x1
DFC_DisblMsk.DFC_TEVEmax_C	1x1
DFC_DisblMsk.DFC_TEVEmin_C	1x1
DFC_DisblMsk.DFC_TEVEsig_C	1x1
DFC_DisblMsk.DFC_TKACSmax_C	1x1
DFC_DisblMsk.DFC_TKACSmin_C	1x1
DFC_DisblMsk.DFC_TKAEmax_C	1x1
DFC_DisblMsk.DFC_TKAEmin_C	1x1
DFC_DisblMsk.DFC_TKARmax_C	1x1
DFC_DisblMsk.DFC_TKARnpl_C	1x1
DFC_DisblMsk.DFC_TMmax_C	1x1
DFC_DisblMsk.DFC_TUMPmax_C	1x1
DFC_DisblMsk.DFC_TUMmax_C	1x1
DFC_DisblMsk.DFC_TWCDPriCatB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvClsdPosnFirstOffsLrnImpoB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvClsdPosnOffsLrnImpoB1_C	1x1

DFC_DisblMsk.DFC_ThrVlvClsdPosnOffsLrnMaxB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvClsdPosnOffsLrnMinB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvCtrlDeB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvDycB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvLimpAirPosnMaxAbsItDriftB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvLimpAirPosnMaxB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvLimpAirPosnMaxRelDriftB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvLimpAirPosnMinB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvOpenLoadB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvOpenSprgB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvOpenSprgSprdB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvOverTB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvRetSprgB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvRetSprgSprdB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvSens1MaxB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvSens1NplB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvSens2MaxB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvSens2MinB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvSens2NplB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvShoCircB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvSpiErrB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvShoCircB1_C	1x1
DFC_DisblMsk.DFC_ThrVlvSpiErrB1_C	1x1
DFC_DisblMsk.DFC_ThrvlvSens1MinB1_C	1x1
DFC_DisblMsk.DFC_TrbChCtrlDeB1_C	1x1
DFC_DisblMsk.DFC_TrbChDycB1_C	1x1
DFC_DisblMsk.DFC_TrbChLvrBrknB1_C	1x1
DFC_DisblMsk.DFC_TrbChOpenLoadB1_C	1x1
DFC_DisblMsk.DFC_TrbChOverTB1_C	1x1
DFC_DisblMsk.DFC_TrbChPrmntFirstOffsLrnMaxB1_C	1x1
DFC_DisblMsk.DFC_TrbChPrmntFirstOffsLrnMinB1_C	1x1
DFC_DisblMsk.DFC_TrbChPrmntOffsLrnMaxB1_C	1x1
DFC_DisblMsk.DFC_TrbChPrmntOffsLrnMinB1_C	1x1
DFC_DisblMsk.DFC_TrbChSens1MaxB1_C	1x1
DFC_DisblMsk.DFC_TrbChSens1MinB1_C	1x1
DFC_DisblMsk.DFC_TrbChShoCircB1_C	1x1
DFC_DisblMsk.DFC_TrbChSpiErrB1_C	1x1
DFC_DisblMsk.DFC_UEGOHeatrCtlS1B1_C	1x1
DFC_DisblMsk.DFC_UEGOSnsrMntdS1B1_C	1x1
DFC_DisblMsk.DFC_UVSEmax_C	1x1
DFC_DisblMsk.DFC_UVSEmin_C	1x1
DFC_DisblMsk.DFC_UVSEsig_C	1x1
DFC_DisblMsk.DFC_VehVSig_C	1x1
DFC_DisblMsk.DFC_VlvLftExh1max_C	1x1
DFC_DisblMsk.DFC_VlvLftExh1min_C	1x1
DFC_DisblMsk.DFC_VlvLftExh1sig_C	1x1
Threshold for adjust. HFS to NFS, as of the throttle valve adapt. steady	1x1
Delta threshold for limit of the mult.rate of air charge balancing	1x1
DFES_Cls.DFC_Unused_C	1x1
DFES_Cls.DFC_ATRlyStkOffErr_C	1x1
DFES_Cls.DFC_ATRlyStkOnErr_C	1x1
DFES_Cls.DFC_AltIOACGFailr_C	1x1
DFES_Cls.DFC_AltIOACGHiVltg_C	1x1
DFES_Cls.DFC_AltIOACGFailr_C	1x1
DFES_Cls.DFC_AltIOACGHiVltg_C	1x1
DFES_Cls.DFC_AltIOACGLoVltg_C	1x1
DFES_Cls.DFC_AltIOACGTHi_C	1x1
DFES_Cls.DFC_AltIODConnACG_C	1x1
DFES_Cls.DFC_BrkBstPDriftHiErr_C	1x1
DFES_Cls.DFC_BrkBstPDriftLoErr_C	1x1
DFES_Cls.DFC_BrkBstPSnsrStuck_C	1x1
DFES_Cls.DFC_BrkMnSwtContOn_C	1x1
DFES_Cls.DFC_BrkMnSwtNotStp_C	1x1
DFES_Cls.DFC_BrkNpl_C	1x1
DFES_Cls.DFC_BrkRdntSwtContOn_C	1x1
DFES_Cls.DFC_BrkRdntSwtNotStp_C	1x1
DFES_Cls.DFC_Clth3ONStuck_C	1x1
DFES_Cls.DFC_Clth4OFFStuck_C	1x1
DFES_Cls.DFC_ClthOFFStuck_C	1x1
DFES_Cls.DFC_ClthONStuck_C	1x1
DFES_Cls.DFC_ClthStkFailInfo_C	1x1
DFES_Cls.DFC_ComABSWrn_C	1x1
DFES_Cls.DFC_ComACCAChksum_C	1x1
DFES_Cls.DFC_ComACCADLC_C	1x1
DFES_Cls.DFC_ComACCARingCnt_C	1x1
DFES_Cls.DFC_ComACCATOut_C	1x1
DFES_Cls.DFC_ComACCBChkSum_C	1x1
DFES_Cls.DFC_ComACCBRingCnt_C	1x1
DFES_Cls.DFC_ComACCBTOut_C	1x1
DFES_Cls.DFC_ComACCChkSum_C	1x1
DFES_Cls.DFC_ComACCRingCnt_C	1x1
DFES_Cls.DFC_ComACCTOut_C	1x1
DFES_Cls.DFC_ComACFailInfo_C	1x1
DFES_Cls.DFC_ComADSChkSum_C	1x1
DFES_Cls.DFC_ComADSChkSum_C	1x1
DFES_Cls.DFC_ComADSRingCnt_C	1x1
DFES_Cls.DFC_ComADSTOut_C	1x1
DFES_Cls.DFC_ComATErr4_C	1x1
DFES_Cls.DFC_ComATGearInfoErr_C	1x1
DFES_Cls.DFC_ComATISS_C	1x1
DFES_Cls.DFC_ComAWDChksum_C	1x1
DFES_Cls.DFC_ComAWDMechFail_C	1x1
DFES_Cls.DFC_ComAWDRingCnt_C	1x1
DFES_Cls.DFC_ComAWDTOut_C	1x1
DFES_Cls.DFC_ComAYCAChksum_C	1x1
DFES_Cls.DFC_ComAYCARingCnt_C	1x1
DFES_Cls.DFC_ComAYCATOut_C	1x1
DFES_Cls.DFC_ComAYCBChkSum_C	1x1
DFES_Cls.DFC_ComAYCBRingCnt_C	1x1
DFES_Cls.DFC_ComAYCBTOut_C	1x1
DFES_Cls.DFC_ComAYCCtlErr_C	1x1
DFES_Cls.DFC_ComAYCDChkSum_C	1x1
DFES_Cls.DFC_ComAYCDTOut_C	1x1
DFES_Cls.DFC_ComAYCFChksum_C	1x1

DFES_Cls.DFC_ComAYCFCtlErr_C	1x1
DFES_Cls.DFC_ComAYCFRingCnt_C	1x1
DFES_Cls.DFC_ComAYCFTOut_C	1x1
DFES_Cls.DFC_ComAirEnvT_C	1x1
DFES_Cls.DFC_ComApcChksum_C	1x1
DFES_Cls.DFC_ComApcRingCnt_C	1x1
DFES_Cls.DFC_ComApcTOut_C	1x1
DFES_Cls.DFC_ComBB10TOut_C	1x1
DFES_Cls.DFC_ComBB1TOut_C	1x1
DFES_Cls.DFC_ComBB2TOut_C	1x1
DFES_Cls.DFC_ComCANABusOffErr_C	1x1
DFES_Cls.DFC_ComCANBBusOffErr_C	1x1
DFES_Cls.DFC_ComCANCBusOffErr_C	1x1
DFES_Cls.DFC_ComConvBoostErr_C	1x1
DFES_Cls.DFC_ComDCDCInpErr1_C	1x1
DFES_Cls.DFC_ComDCDCInpErr2_C	1x1
DFES_Cls.DFC_ComDCDCIntErr_C	1x1
DFES_Cls.DFC_ComDCDCOutpErr1_C	1x1
DFES_Cls.DFC_ComDCDCOutpErr2_C	1x1
DFES_Cls.DFC_ComDCDCTempWarn1_C	1x1
DFES_Cls.DFC_ComDCDCTempWarn2_C	1x1
DFES_Cls.DFC_ComEAT10Chksum_C	1x1
DFES_Cls.DFC_ComEAT10RingCnt_C	1x1
DFES_Cls.DFC_ComEAT10TOut_C	1x1
DFES_Cls.DFC_ComEAT2ChkSum_C	1x1
DFES_Cls.DFC_ComEAT2RingCnt_C	1x1
DFES_Cls.DFC_ComEAT2TOut_C	1x1
DFES_Cls.DFC_ComEAT4ChkSum_C	1x1
DFES_Cls.DFC_ComEAT4RingCnt_C	1x1
DFES_Cls.DFC_ComEAT4TOut_C	1x1
DFES_Cls.DFC_ComEAT5ChkSum_C	1x1
DFES_Cls.DFC_ComEAT5RingCnt_C	1x1
DFES_Cls.DFC_ComEAT5TOut_C	1x1
DFES_Cls.DFC_ComEAT6Chksum_C	1x1
DFES_Cls.DFC_ComEAT6RingCnt_C	1x1
DFES_Cls.DFC_ComEAT6TOut_C	1x1
DFES_Cls.DFC_ComEAT9Chksum_C	1x1
DFES_Cls.DFC_ComEAT9RingCnt_C	1x1
DFES_Cls.DFC_ComEAT9TOut_C	1x1
DFES_Cls.DFC_ComEATAChksum_C	1x1
DFES_Cls.DFC_ComEATARingCnt_C	1x1
DFES_Cls.DFC_ComEATATOut_C	1x1
DFES_Cls.DFC_ComEATBChkSum_C	1x1
DFES_Cls.DFC_ComEATBRingCnt_C	1x1
DFES_Cls.DFC_ComEATBTOut_C	1x1
DFES_Cls.DFC_ComEATErr_C	1x1
DFES_Cls.DFC_ComEBSSelfDiagErr_C	1x1
DFES_Cls.DFC_ComEPBChksum_C	1x1
DFES_Cls.DFC_ComEPBTOut_C	1x1
DFES_Cls.DFC_ComEPBctRing_C	1x1
DFES_Cls.DFC_ComEPS1Chksum_C	1x1
DFES_Cls.DFC_ComEPS1RingCnt_C	1x1
DFES_Cls.DFC_ComEPS1TOut_C	1x1
DFES_Cls.DFC_ComEPSChksum_C	1x1
DFES_Cls.DFC_ComEPSRingCnt_C	1x1
DFES_Cls.DFC_ComEPSTOut_C	1x1
DFES_Cls.DFC_ComEVPChksum_C	1x1
DFES_Cls.DFC_ComEVPRingCnt_C	1x1
DFES_Cls.DFC_ComEVPTOut_C	1x1
DFES_Cls.DFC_ComIDASBChksum_C	1x1
DFES_Cls.DFC_ComIDASBRingCnt_C	1x1
DFES_Cls.DFC_ComIDASBTOut_C	1x1
DFES_Cls.DFC_ComISSPrms_C	1x1
DFES_Cls.DFC_ComMETAChksum_C	1x1
DFES_Cls.DFC_ComMETARingCnt_C	1x1
DFES_Cls.DFC_ComMETATOut_C	1x1
DFES_Cls.DFC_ComMETBChksum_C	1x1
DFES_Cls.DFC_ComMETBRingCnt_C	1x1
DFES_Cls.DFC_ComMETBTOut_C	1x1
DFES_Cls.DFC_ComMETCChksum_C	1x1
DFES_Cls.DFC_ComMETCRingCnt_C	1x1
DFES_Cls.DFC_ComMETCTOut_C	1x1
DFES_Cls.DFC_ComMETDChksum_C	1x1
DFES_Cls.DFC_ComMETDRingCnt_C	1x1
DFES_Cls.DFC_ComMETDTOut_C	1x1
DFES_Cls.DFC_ComMETE2Chksum_C	1x1
DFES_Cls.DFC_ComMETE2RingCnt_C	1x1
DFES_Cls.DFC_ComMETE2TOut_C	1x1
DFES_Cls.DFC_ComMETEChksum_C	1x1
DFES_Cls.DFC_ComMETERingCnt_C	1x1
DFES_Cls.DFC_ComMETETOut_C	1x1
DFES_Cls.DFC_ComMETFChksum_C	1x1
DFES_Cls.DFC_ComMETFRingCnt_C	1x1
DFES_Cls.DFC_ComMETFTOut_C	1x1
DFES_Cls.DFC_ComMETGChksum_C	1x1
DFES_Cls.DFC_ComMETGRingCnt_C	1x1
DFES_Cls.DFC_ComMETGTOut_C	1x1
DFES_Cls.DFC_ComMETH2Chksum_C	1x1
DFES_Cls.DFC_ComMETH2RingCnt_C	1x1
DFES_Cls.DFC_ComMETH2TOut_C	1x1
DFES_Cls.DFC_ComMETHChksum_C	1x1
DFES_Cls.DFC_ComMETHRingCnt_C	1x1
DFES_Cls.DFC_ComMETHTOut_C	1x1
DFES_Cls.DFC_ComMETIChksum_C	1x1
DFES_Cls.DFC_ComMETIRingCnt_C	1x1
DFES_Cls.DFC_ComMETITOut_C	1x1
DFES_Cls.DFC_ComMETKChksum_C	1x1
DFES_Cls.DFC_ComMETKRingCnt_C	1x1
DFES_Cls.DFC_ComMETKTOut_C	1x1

DFES_Cls.DFC_ComMETLChksum_C	1x1
DFES_Cls.DFC_ComMETLRingCnt_C	1x1
DFES_Cls.DFC_ComMETLTOut_C	1x1
DFES_Cls.DFC_ComMETMChksum_C	1x1
DFES_Cls.DFC_ComMETMRingCnt_C	1x1
DFES_Cls.DFC_ComMETMTOut_C	1x1
DFES_Cls.DFC_ComMETNChksum_C	1x1
DFES_Cls.DFC_ComMETNRingCnt_C	1x1
DFES_Cls.DFC_ComMETNTOut_C	1x1
DFES_Cls.DFC_ComMtrCom_C	1x1
DFES_Cls.DFC_ComMtrEva_C	1x1
DFES_Cls.DFC_ComPCUChkSum_C	1x1
DFES_Cls.DFC_ComPCURingCnt_C	1x1
DFES_Cls.DFC_ComPCUTOut_C	1x1
DFES_Cls.DFC_ComSRSAChksum_C	1x1
DFES_Cls.DFC_ComSRSARingCnt_C	1x1
DFES_Cls.DFC_ComSRSATOut_C	1x1
DFES_Cls.DFC_ComSRSActive_C	1x1
DFES_Cls.DFC_ComSRSBChksum_C	1x1
DFES_Cls.DFC_ComSRSBRingCnt_C	1x1
DFES_Cls.DFC_ComSRSBTOut_C	1x1
DFES_Cls.DFC_ComSRSChksum_C	1x1
DFES_Cls.DFC_ComSRSErr_C	1x1
DFES_Cls.DFC_ComSRSRingCnt_C	1x1
DFES_Cls.DFC_ComSRSTOut_C	1x1
DFES_Cls.DFC_ComSWTCH1AlvCnt_C	1x1
DFES_Cls.DFC_ComSWTCH1Chksum_C	1x1
DFES_Cls.DFC_ComSWTCH1TOut_C	1x1
DFES_Cls.DFC_ComTqCnvrSlipErr_C	1x1
DFES_Cls.DFC_Cy150SpiCom_C	1x1
DFES_Cls.DFC_Cy327SpiCom_C	1x1
DFES_Cls.DFC_EbsChartcCurrErr_C	1x1
DFES_Cls.DFC_EbsSelfDiagErr_C	1x1
DFES_Cls.DFC_ElecLdSRCMax_C	1x1
DFES_Cls.DFC_ElecLdSRCMin_C	1x1
DFES_Cls.DFC_EnvTDef_C	1x1
DFES_Cls.DFC_EnvTSig_C	1x1
DFES_Cls.DFC_GEVlvPhaPsOpenLoadIntkB1_C	1x1
DFES_Cls.DFC_GEVlvPhaPsOpenLoadOutlB1_C	1x1
DFES_Cls.DFC_GEVlvPhaPsShoToBattIntkB1_C	1x1
DFES_Cls.DFC_GEVlvPhaPsShoToBattOutlB1_C	1x1
DFES_Cls.DFC_GEVlvPhaPsShoToGndIntkB1_C	1x1
DFES_Cls.DFC_GEVlvPhaPsShoToGndOutlB1_C	1x1
DFES_Cls.DFC_GbxAlvChk_C	1x1
DFES_Cls.DFC_GbxNPos1SRCMax_C	1x1
DFES_Cls.DFC_GbxNPos1SRCMin_C	1x1
DFES_Cls.DFC_GbxNPos2SRCMax_C	1x1
DFES_Cls.DFC_GbxNPos2SRCMin_C	1x1
DFES_Cls.DFC_GbxNPosCorrIn_C	1x1
DFES_Cls.DFC_GbxRevLckOL_C	1x1
DFES_Cls.DFC_GbxRevLckOt_C	1x1
DFES_Cls.DFC_GbxRevLckSCB_C	1x1
DFES_Cls.DFC_GbxRevLckSCG_C	1x1
DFES_Cls.DFC_GbxSleepErr_C	1x1
DFES_Cls.DFC_GbxSpdPlausErr_C	1x1
DFES_Cls.DFC_LinCSErrACG_C	1x1
DFES_Cls.DFC_LinCSErrDCDC_C	1x1
DFES_Cls.DFC_LinCSErrEBS_C	1x1
DFES_Cls.DFC_LinFrameErrACG_C	1x1
DFES_Cls.DFC_LinFrameErrDCDC_C	1x1
DFES_Cls.DFC_LinFrameErrEBS_C	1x1
DFES_Cls.DFC_LinHdrTimeoutErrACG_C	1x1
DFES_Cls.DFC_LinHdrTimeoutErrDCDC_C	1x1
DFES_Cls.DFC_LinHdrTimeoutErrEBS_C	1x1
DFES_Cls.DFC_LinMsgTimeoutErrACG_C	1x1
DFES_Cls.DFC_LinMsgTimeoutErrDCDC_C	1x1
DFES_Cls.DFC_LinMsgTimeoutErrEBS_C	1x1
DFES_Cls.DFC_LinNoStrtComErr_C	1x1
DFES_Cls.DFC_LinOverrunErrACG_C	1x1
DFES_Cls.DFC_LinOverrunErrDCDC_C	1x1
DFES_Cls.DFC_LinOverrunErrEBS_C	1x1
DFES_Cls.DFC_LinParityErr_C	1x1
DFES_Cls.DFC_LowPresOilP_C	1x1
DFES_Cls.DFC_METCSum_C	1x1
DFES_Cls.DFC_METctRing_C	1x1
DFES_Cls.DFC_METtiDeb_C	1x1
DFES_Cls.DFC_MisfDetdVWhlFrntLePlaus_C	1x1
DFES_Cls.DFC_MisfDetdVWhlFrntRiPlaus_C	1x1
DFES_Cls.DFC_MisfDetdVWhlReLePlaus_C	1x1
DFES_Cls.DFC_MisfDetdVWhlReRiPlaus_C	1x1
DFES_Cls.DFC_MonUMaxSupply1_C	1x1
DFES_Cls.DFC_MonUMinSupply1_C	1x1
DFES_Cls.DFC_OilAbnormErr_C	1x1
DFES_Cls.DFC_OilErr_C	1x1
DFES_Cls.DFC_PEnvSigRngMax_C	1x1
DFES_Cls.DFC_PEnvSigRngMin_C	1x1
DFES_Cls.DFC_Pmd_PeriMon_C	1x1
DFES_Cls.DFC_SSpMon1_C	1x1
DFES_Cls.DFC_SSpMon1OV_C	1x1
DFES_Cls.DFC_SSpMon1SCG_C	1x1
DFES_Cls.DFC_SSpMon1UV_C	1x1
DFES_Cls.DFC_SSpMon2_C	1x1
DFES_Cls.DFC_SSpMon2OV_C	1x1
DFES_Cls.DFC_SSpMon2SCG_C	1x1
DFES_Cls.DFC_SSpMon2UV_C	1x1
DFES_Cls.DFC_SSpMon3_C	1x1
DFES_Cls.DFC_SSpMon3OV_C	1x1
DFES_Cls.DFC_SSpMon3SCG_C	1x1
DFES_Cls.DFC_SSpMon3UV_C	1x1

DFES_Cls.DFC_StmFault_C	1x1
DFES_Cls.DFC_StrtCtOffPth_C	1x1
DFES_Cls.DFC_StrtCtlErr_C	1x1
DFES_Cls.DFC_StrtFault_C	1x1
DFES_Cls.DFC_StrtLckJudg1_C	1x1
DFES_Cls.DFC_StrtLckJudg2_C	1x1
DFES_Cls.DFC_StrtOL_C	1x1
DFES_Cls.DFC_StrtOL2_C	1x1
DFES_Cls.DFC_StrtSCB_C	1x1
DFES_Cls.DFC_StrtSCB2_C	1x1
DFES_Cls.DFC_StrtSCG_C	1x1
DFES_Cls.DFC_StrtSCG2_C	1x1
DFES_Cls.DFC_StrtStkRly1_C	1x1
DFES_Cls.DFC_StrtStkRly2_C	1x1
DFES_Cls.DFC_T50OL_C	1x1
DFES_Cls.DFC_VehVAllPlaus_C	1x1
DFES_Cls.DFC_VehVPlausCan_C	1x1
DFES_Cls.DFC_VehVPlausFco_C	1x1
DFES_Cls.DFC_VehVPlausPwr_C	1x1
DFES_Cls.DFC_VehVPlausV2N_C	1x1
DFES_Cls.DFC_VehVPlausV2N_C	1x1
DFES_Cls.DFC_CIthMax_C	1x1
DFES_Cls.DFC_IgnCIPsDevIdentErr1_C	1x1
DFES_Cls.DFC_IgnCIPsDevSpiErr1_C	1x1
DFES_Cls.DFC_IgnCIPsOpenLoad0_C	1x1
DFES_Cls.DFC_IgnCIPsOpenLoad1_C	1x1
DFES_Cls.DFC_IgnCIPsOpenLoad2_C	1x1
DFES_Cls.DFC_IgnCIPsOpenLoad3_C	1x1
DFES_Cls.DFC_IgnCIPsShCirBatt0_C	1x1
DFES_Cls.DFC_IgnCIPsShCirBatt1_C	1x1
DFES_Cls.DFC_IgnCIPsShCirBatt2_C	1x1
DFES_Cls.DFC_IgnCIPsShCirBatt3_C	1x1
DFES_Cls.DFC_IgnCIPsShCirGnd0_C	1x1
DFES_Cls.DFC_IgnCIPsShCirGnd1_C	1x1
DFES_Cls.DFC_IgnCIPsShCirGnd2_C	1x1
DFES_Cls.DFC_IgnCIPsShCirGnd3_C	1x1
DFES_Cls.DFC_KRVEKOEVAB_C	1x1
DFES_Cls.DFC_KRVEKOEVAB0_C	1x1
DFES_Cls.DFC_KRVEKOEVAB1_C	1x1
DFES_Cls.DFC_KRVEKOEVAB2_C	1x1
DFES_Cls.DFC_KRVEKOEVAB3_C	1x1
DFES_Cls.DFC_MfPsNonPlausible_C	1x1
DFES_Cls.DFC_T50RetOL_C	1x1
DFES_Cls.DFC_T50RetSCB_C	1x1
DFES_Cls.DFC_T50SCB_C	1x1
DFES_Cls.DFC_UEGOASICS1B1_C	1x1
DFES_Cls.DFC_UEGOOLIPES1B1_C	1x1
DFES_Cls.DFC_UEGOOLRES1B1_C	1x1
DFES_Cls.DFC_UEGOSCBS1B1_C	1x1
DFES_Cls.DFC_UEGOSCGS1B1_C	1x1
DFES_Cls.DFC_UEGOSPIS1B1_C	1x1
DFES_Cls.DFC_UEGOSnsrS1B1_C	1x1
DFES_Cls.DFC_UegoOlApesS1B1_C	1x1
DFES_Cls.DFC_UegoOlRCmpS1B1_C	1x1
DFES_Cls.DFC_AirCCmprOL_C	1x1
DFES_Cls.DFC_AirCCmprOvrTemp_C	1x1
DFES_Cls.DFC_AirCCmprSCB_C	1x1
DFES_Cls.DFC_AirCCmprSCG_C	1x1
DFES_Cls.DFC_AltErr_C	1x1
DFES_Cls.DFC_BattUSRCMax_C	1x1
DFES_Cls.DFC_BattUSRCMin_C	1x1
DFES_Cls.DFC_DevLibBattUHi_C	1x1
DFES_Cls.DFC_DevLibBattULo_C	1x1
DFES_Cls.DFC_FanDIOOL_0_C	1x1
DFES_Cls.DFC_FanDIOOL_1_C	1x1
DFES_Cls.DFC_FanDIOOvrTemp_0_C	1x1
DFES_Cls.DFC_FanDIOOvrTemp_1_C	1x1
DFES_Cls.DFC_FanDIOSCB_0_C	1x1
DFES_Cls.DFC_FanDIOSCB_1_C	1x1
DFES_Cls.DFC_FanDIOSCG_0_C	1x1
DFES_Cls.DFC_FanDIOSCG_1_C	1x1
DFES_Cls.DFC_PSPOL_C	1x1
DFES_Cls.DFC_PSPOvrTemp_C	1x1
DFES_Cls.DFC_PSPSCB_C	1x1
DFES_Cls.DFC_PSPSCG_C	1x1
DFES_Cls.DFC_VehVSclOutOL_C	1x1
DFES_Cls.DFC_VehVSclOutOT_C	1x1
DFES_Cls.DFC_VehVSclOutSCB_C	1x1
DFES_Cls.DFC_VehVSclOutSCG_C	1x1
DFES_Cls.DFC_VehVSigFL_C	1x1
DFES_Cls.DFC_VehVSigFR_C	1x1
DFES_Cls.DFC_VehVSigRL_C	1x1
DFES_Cls.DFC_VehVSigRR_C	1x1
DFES_Cls.DFC_VlvLftFbSwtExh11SpclFail_C	1x1
DFES_Cls.DFC_VlvLftFbSwtExh11StdFail_C	1x1
DFES_Cls.DFC_DHFHD_C	1x1
DFES_Cls.DFC_InjVlv_DI_NoLd_0_C	1x1
DFES_Cls.DFC_InjVlv_DI_NoLd_1_C	1x1
DFES_Cls.DFC_InjVlv_DI_NoLd_2_C	1x1
DFES_Cls.DFC_InjVlv_DI_NoLd_3_C	1x1
DFES_Cls.DFC_InjVlv_DI_ScBnk_0_C	1x1
DFES_Cls.DFC_InjVlv_DI_ScBnk_1_C	1x1
DFES_Cls.DFC_InjVlv_DI_ScBnk_2_C	1x1
DFES_Cls.DFC_InjVlv_DI_ScBnk_3_C	1x1
DFES_Cls.DFC_InjVlv_DI_ScCyl_0_C	1x1
DFES_Cls.DFC_InjVlv_DI_ScCyl_1_C	1x1
DFES_Cls.DFC_InjVlv_DI_ScCyl_2_C	1x1
DFES_Cls.DFC_InjVlv_DI_ScCyl_3_C	1x1
DFES_Cls.DFC_InjVlv_DI_ScHsLs_0_C	1x1
DFES_Cls.DFC_InjVlv_DI_ScHsLs_1_C	1x1

DFES_Cls.DFC_InjVlv_DI_ScHsLs_2_C	1x1
DFES_Cls.DFC_InjVlv_DI_ScHsLs_3_C	1x1
DFES_Cls.DFC_MfPsDiaOpenLoad1_C	1x1
DFES_Cls.DFC_MfPsDiaScHiS1_C	1x1
DFES_Cls.DFC_MfPsDiaScHiSLowS1_C	1x1
DFES_Cls.DFC_MfPsDiaScLowS1_C	1x1
DFES_Cls.DFC_MfPsOpenLoad_C	1x1
DFES_Cls.DFC_MfPsShCirBattLowSide_C	1x1
DFES_Cls.DFC_MfPsShCirGndLowSide_C	1x1
DFES_Cls.DFC_ACEvpTPhysRngHi_C	1x1
DFES_Cls.DFC_ACEvpTPhysRngLo_C	1x1
DFES_Cls.DFC_ACEvpTSRCMax_C	1x1
DFES_Cls.DFC_ACEvpTSRCMin_C	1x1
DFES_Cls.DFC_AirCCIntPAnaSRCMax_C	1x1
DFES_Cls.DFC_AirCCIntPAnaSRCMin_C	1x1
DFES_Cls.DFC_AirCSwtNpl_C	1x1
DFES_Cls.DFC_AirCSwtSig_C	1x1
DFES_Cls.DFC_Brk_C	1x1
DFES_Cls.DFC_BrkBstSensSCB_C	1x1
DFES_Cls.DFC_BrkBstSensSCG_C	1x1
DFES_Cls.DFC_BrkPPhysRngHi_C	1x1
DFES_Cls.DFC_BrkPPhysRngLo_C	1x1
DFES_Cls.DFC_BrkSig_C	1x1
DFES_Cls.DFC_ClthSig_C	1x1
DFES_Cls.DFC_EngSpdOL_C	1x1
DFES_Cls.DFC_EngSpdOT_C	1x1
DFES_Cls.DFC_EngSpdSCB_C	1x1
DFES_Cls.DFC_EngSpdSCG_C	1x1
DFES_Cls.DFC_GbxNPosSig_C	1x1
DFES_Cls.DFC_HLSDemOvhtEngLim_C	1x1
DFES_Cls.DFC_OilPSwmpSRCMax_C	1x1
DFES_Cls.DFC_OilPSwmpSRCMin_C	1x1
DFES_Cls.DFC_VehVPhysRngHi_C	1x1
DFES_Cls.DFC_VehVPhysRngLo_C	1x1
DFES_Cls.DFC_VehVSigCan_C	1x1
DFES_Cls.DFC_VehVSigCanSafe_C	1x1
DFES_Cls.DFC_ClthNpl_C	1x1
DFES_Cls.DFC_MRlySCG_C	1x1
DFES_Cls.DFC_MisfDetVWhlFrntLeOORHi_C	1x1
DFES_Cls.DFC_MisfDetVWhlFrntLeRatyHi_C	1x1
DFES_Cls.DFC_MisfDetVWhlFrntLeRatyLo_C	1x1
DFES_Cls.DFC_MisfDetVWhlFrntLeStuck_C	1x1
DFES_Cls.DFC_MisfDetVWhlFrntRiOORHi_C	1x1
DFES_Cls.DFC_MisfDetVWhlFrntRiRatyHi_C	1x1
DFES_Cls.DFC_MisfDetVWhlFrntRiRatyLo_C	1x1
DFES_Cls.DFC_MisfDetVWhlFrntRiStuck_C	1x1
DFES_Cls.DFC_MisfDetVWhlReLeOORHi_C	1x1
DFES_Cls.DFC_MisfDetVWhlReLeRatyHi_C	1x1
DFES_Cls.DFC_MisfDetVWhlReLeRatyLo_C	1x1
DFES_Cls.DFC_MisfDetVWhlReLeStuck_C	1x1
DFES_Cls.DFC_MisfDetVWhlReRiOORHi_C	1x1
DFES_Cls.DFC_MisfDetVWhlReRiRatyHi_C	1x1
DFES_Cls.DFC_MisfDetVWhlReRiRatyLo_C	1x1
DFES_Cls.DFC_MisfDetVWhlReRiStuck_C	1x1
DFES_Cls.DFC_PEnvCcMax_C	1x1
DFES_Cls.DFC_PEnvCcMin_C	1x1
DFES_Cls.DFC_PEnvPlausMax_C	1x1
DFES_Cls.DFC_PEnvPlausMin_C	1x1
DFES_Cls.DFC_PEnvRngChkMax_C	1x1
DFES_Cls.DFC_PEnvRngChkMin_C	1x1
DFES_Cls.DFC_PEnvSnsrPlaus_C	1x1
DFES_Cls.DFC_UEGOHeatrPsS1B1Max_C	1x1
DFES_Cls.DFC_UEGOHeatrPsS1B1Min_C	1x1
DFES_Cls.DFC_UEGOHeatrPsS1B1Sig_C	1x1
DFES_Cls.DFC_UEGOHeatrRlyPsOLS1B1_C	1x1
DFES_Cls.DFC_UEGOHeatrRlyPsSCBS1B1_C	1x1
DFES_Cls.DFC_UEGOHeatrRlyPsSCGS1B1_C	1x1
DFES_Cls.DFC_KnDetSens1PortAMax_C	1x1
DFES_Cls.DFC_KnDetSens1PortAMin_C	1x1
DFES_Cls.DFC_KnDetSens1PortBMax_C	1x1
DFES_Cls.DFC_KnDetSens1PortBMin_C	1x1
DFES_Cls.DFC_AFIMRAWlean_0_C	1x1
DFES_Cls.DFC_AFIMRAWlean_1_C	1x1
DFES_Cls.DFC_AFIMRAWlean_2_C	1x1
DFES_Cls.DFC_AFIMRAWlean_3_C	1x1
DFES_Cls.DFC_AFIMRAWrich_0_C	1x1
DFES_Cls.DFC_AFIMRAWrich_1_C	1x1
DFES_Cls.DFC_AFIMRAWrich_2_C	1x1
DFES_Cls.DFC_AFIMRAWrich_3_C	1x1
DFES_Cls.DFC_AFIMRAWlean_C	1x1
DFES_Cls.DFC_AFIMRAWrich_C	1x1
DFES_Cls.DFC_AFIMZlean_0_C	1x1
DFES_Cls.DFC_AFIMZlean_1_C	1x1
DFES_Cls.DFC_AFIMZlean_2_C	1x1
DFES_Cls.DFC_AFIMZlean_3_C	1x1
DFES_Cls.DFC_AFIMZrich_0_C	1x1
DFES_Cls.DFC_AFIMZrich_1_C	1x1
DFES_Cls.DFC_AFIMZrich_2_C	1x1
DFES_Cls.DFC_AFIMZrich_3_C	1x1
DFES_Cls.DFC_AFIMlean_C	1x1
DFES_Cls.DFC_AFIMrich_C	1x1
DFES_Cls.DFC_Clth2ONStuck_C	1x1
DFES_Cls.DFC_Clth2ONStuckLdc_C	1x1
DFES_Cls.DFC_Clth3ONStuckLdc_C	1x1
DFES_Cls.DFC_Clth3ONStuckPostDrv_C	1x1
DFES_Cls.DFC_Clth4ONStuck_C	1x1
DFES_Cls.DFC_Clth4ONStuckLdc_C	1x1
DFES_Cls.DFC_DSTDmax_C	1x1
DFES_Cls.DFC_DYLSUmin_C	1x1

DFES_Cls.DFC_EEPEraseErr_C	1x1
DFES_Cls.DFC_EbsSocFlt_C	1x1
DFES_Cls.DFC_EepShdw_C	1x1
DFES_Cls.DFC_EngPrtTMFWShOff_C	1x1
DFES_Cls.DFC_I14229VINErr_C	1x1
DFES_Cls.DFC_InjCatHeatgErr_C	1x1
DFES_Cls.DFC_LLRHmax_C	1x1
DFES_Cls.DFC_LLRHmin_C	1x1
DFES_Cls.DFC_LLRHnpl_C	1x1
DFES_Cls.DFC_LLRKHmax_C	1x1
DFES_Cls.DFC_LLRKHmin_C	1x1
DFES_Cls.DFC_LLRKHnpl_C	1x1
DFES_Cls.DFC_OilPlausErr_C	1x1
DFES_Cls.DFC_RoughRoad_C	1x1
DFES_Cls.DFC_SiaEEPRdErr_C	1x1
DFES_Cls.DFC_SiaEEPWrngCod_C	1x1
DFES_Cls.DFC_Tprot_Rttp_Err_C	1x1
DFES_Cls.DFC_UegoDummy_C	1x1
DFES_Cls.DFC_VehVMax_C	1x1
DFES_Cls.DFC_VehVPlaus_C	1x1
DFES_Cls.DFC_AAVEmax_C	1x1
DFES_Cls.DFC_AAVEmin_C	1x1
DFES_Cls.DFC_AAVEsig_C	1x1
DFES_Cls.DFC_AAVmin_C	1x1
DFES_Cls.DFC_BBKRnldg_C	1x1
DFES_Cls.DFC_BBKRsyne_C	1x1
DFES_Cls.DFC_BigLeakIntkMnfldEmiInfl_C	1x1
DFES_Cls.DFC_BrkMnSwtContOnWarnLmp_C	1x1
DFES_Cls.DFC_BrkMnSwtNotStpWarnLmp_C	1x1
DFES_Cls.DFC_BrkRdntSwtContOnWarnLmp_C	1x1
DFES_Cls.DFC_BrkRdntSwtNotStpWarnLmp_C	1x1
DFES_Cls.DFC_CEngDsTColdStrtMax_C	1x1
DFES_Cls.DFC_CEngDsTColdStrtMin_C	1x1
DFES_Cls.DFC_CEngDsTImps_C	1x1
DFES_Cls.DFC_CEngDsTPlausHSC_C	1x1
DFES_Cls.DFC_CEngDsTPlausLSC_C	1x1
DFES_Cls.DFC_CEngDsTPlausSTC_C	1x1
DFES_Cls.DFC_CEngDsTSRCMax_C	1x1
DFES_Cls.DFC_CEngDsTSRCMin_C	1x1
DFES_Cls.DFC_CEngDsTSig_C	1x1
DFES_Cls.DFC_CEngUsTSRCMax_C	1x1
DFES_Cls.DFC_CEngUsTSRCMin_C	1x1
DFES_Cls.DFC_CFCmax_C	1x1
DFES_Cls.DFC_CILCNMsfMax_0_C	1x1
DFES_Cls.DFC_CILCNMsfMax_1_C	1x1
DFES_Cls.DFC_CILCNMsfMax_2_C	1x1
DFES_Cls.DFC_CILCNMsfMax_3_C	1x1
DFES_Cls.DFC_CILCNMsfMaxSum_C	1x1
DFES_Cls.DFC_CtT_C	1x1
DFES_Cls.DFC_DCDCFltDet_C	1x1
DFES_Cls.DFC_DFRMmax_C	1x1
DFES_Cls.DFC_DFRMmin_C	1x1
DFES_Cls.DFC_DKRSA_C	1x1
DFES_Cls.DFC_DKVSmax_C	1x1
DFES_Cls.DFC_DKnpl_C	1x1
DFES_Cls.DFC_DSKVRmax_C	1x1
DFES_Cls.DFC_DSKVRmin_C	1x1
DFES_Cls.DFC_DSKVRnpl_C	1x1
DFES_Cls.DFC_DSKVRsig_C	1x1
DFES_Cls.DFC_DSKVSsig_C	1x1
DFES_Cls.DFC_DSKVmax_C	1x1
DFES_Cls.DFC_DSKVmin_C	1x1
DFES_Cls.DFC_DSKVnpl_C	1x1
DFES_Cls.DFC_DSLmax_C	1x1
DFES_Cls.DFC_DSSmax_C	1x1
DFES_Cls.DFC_DSTEmax_C	1x1
DFES_Cls.DFC_DSTEmin_C	1x1
DFES_Cls.DFC_DSTRmax_C	1x1
DFES_Cls.DFC_DSTRmin_C	1x1
DFES_Cls.DFC_DSTRnpl_C	1x1
DFES_Cls.DFC_DSTRsig_C	1x1
DFES_Cls.DFC_DSTTI_C	1x1
DFES_Cls.DFC_DSTmax_C	1x1
DFES_Cls.DFC_DSUmax_C	1x1
DFES_Cls.DFC_EEPRdErr_C	1x1
DFES_Cls.DFC_EEPWrErr_C	1x1
DFES_Cls.DFC_EGFEmax_C	1x1
DFES_Cls.DFC_EGFEmin_C	1x1
DFES_Cls.DFC_EGSDUS2B1LtrDly_C	1x1
DFES_Cls.DFC_EGSDUS2B1LtrPT1_C	1x1
DFES_Cls.DFC_EGSDUS2B1RtlDly_C	1x1
DFES_Cls.DFC_EGSDUS2B1RtlPT1_C	1x1
DFES_Cls.DFC_EGSDUS2B1TarLean_C	1x1
DFES_Cls.DFC_EGSDUS2B1TarRich_C	1x1
DFES_Cls.DFC_EONVmax_C	1x1
DFES_Cls.DFC_ETAKHLmax_C	1x1
DFES_Cls.DFC_ETAKHTmax_C	1x1
DFES_Cls.DFC_EngPrtOvrSpdMon_C	1x1
DFES_Cls.DFC_EnvTMBCMax_C	1x1
DFES_Cls.DFC_EnvTMBCMin_C	1x1
DFES_Cls.DFC_EnvTPRCMax_C	1x1
DFES_Cls.DFC_EnvTPRCMin_C	1x1
DFES_Cls.DFC_EpmCaSI1ErrSig_C	1x1
DFES_Cls.DFC_EpmCaSI1MntErr_C	1x1
DFES_Cls.DFC_EpmCaSI1NoSigMax_C	1x1
DFES_Cls.DFC_EpmCaSI1NoSigMin_C	1x1
DFES_Cls.DFC_EpmCaSI1OfsErr_C	1x1
DFES_Cls.DFC_EpmCaSO1ErrSig_C	1x1
DFES_Cls.DFC_EpmCaSO1MntErr_C	1x1

DFES_Cls.DFC_EpmCaSO1NoSigMax_C	1x1
DFES_Cls.DFC_EpmCaSO1NoSigMin_C	1x1
DFES_Cls.DFC_EpmCaSO1OfsErr_C	1x1
DFES_Cls.DFC_EpmCrSDGI_C	1x1
DFES_Cls.DFC_EpmCrSErrSig_C	1x1
DFES_Cls.DFC_EpmCrSNoSig_C	1x1
DFES_Cls.DFC_FRAmax_C	1x1
DFES_Cls.DFC_FRAmin_C	1x1
DFES_Cls.DFC_FSTEmax_C	1x1
DFES_Cls.DFC_FSTEmin_C	1x1
DFES_Cls.DFC_FSTRmax_C	1x1
DFES_Cls.DFC_FSTRmin_C	1x1
DFES_Cls.DFC_FSTRnpl_C	1x1
DFES_Cls.DFC_FSTmax_C	1x1
DFES_Cls.DFC_FTDLAmax_C	1x1
DFES_Cls.DFC_FTDLAmin_C	1x1
DFES_Cls.DFC_GEVlvLockPinDiagIntkB1_C	1x1
DFES_Cls.DFC_GEVlvLockPinDiagOutlB1_C	1x1
DFES_Cls.DFC_GEVlvPhaCsersExtdIntkB1_C	1x1
DFES_Cls.DFC_GEVlvPhaCsersExtdOutlB1_C	1x1
DFES_Cls.DFC_GEVlvPhaCsersIntkB1_C	1x1
DFES_Cls.DFC_GEVlvPhaCsersOutlB1_C	1x1
DFES_Cls.DFC_GEVlvPhaSlowIntkB1_C	1x1
DFES_Cls.DFC_GEVlvPhaSlowOutlB1_C	1x1
DFES_Cls.DFC_GEVlvPhaTargIntkB1_C	1x1
DFES_Cls.DFC_GEVlvPhaTargOutlB1_C	1x1
DFES_Cls.DFC_GbxRvsSwtStk_C	1x1
DFES_Cls.DFC_HDRKHmax_C	1x1
DFES_Cls.DFC_HDRKHmin_C	1x1
DFES_Cls.DFC_HDRPLmax_C	1x1
DFES_Cls.DFC_HDRPLmin_C	1x1
DFES_Cls.DFC_HDRmax_C	1x1
DFES_Cls.DFC_HDRmin_C	1x1
DFES_Cls.DFC_HEGOS2B1ElecMax_C	1x1
DFES_Cls.DFC_HEGOS2B1ElecMin_C	1x1
DFES_Cls.DFC_HEGOS2B1ElecNpl_C	1x1
DFES_Cls.DFC_HEGOS2B1ElecSig_C	1x1
DFES_Cls.DFC_HEGOS2B1HtgNpl_C	1x1
DFES_Cls.DFC_HEGOS2B1HtrPsMax_C	1x1
DFES_Cls.DFC_HEGOS2B1HtrPsMin_C	1x1
DFES_Cls.DFC_HEGOS2B1HtrPsSig_C	1x1
DFES_Cls.DFC_HEV00max_C	1x1
DFES_Cls.DFC_HEV01max_C	1x1
DFES_Cls.DFC_HEV02max_C	1x1
DFES_Cls.DFC_HEV03max_C	1x1
DFES_Cls.DFC_HEVE0max_C	1x1
DFES_Cls.DFC_HEVE1max_C	1x1
DFES_Cls.DFC_HFM1Emax_C	1x1
DFES_Cls.DFC_HFM1Emin_C	1x1
DFES_Cls.DFC_HFM1Esig_C	1x1
DFES_Cls.DFC_HFMEmax_C	1x1
DFES_Cls.DFC_HFMRmax_C	1x1
DFES_Cls.DFC_HFMRmin_C	1x1
DFES_Cls.DFC_HFMRnpl_C	1x1
DFES_Cls.DFC_HFMRsig_C	1x1
DFES_Cls.DFC_HFMVmax_C	1x1
DFES_Cls.DFC_HFMmax_C	1x1
DFES_Cls.DFC_IVGdiCtlCvoErrMax_0_C	1x1
DFES_Cls.DFC_IVGdiCtlCvoErrMax_1_C	1x1
DFES_Cls.DFC_IVGdiCtlCvoErrMax_2_C	1x1
DFES_Cls.DFC_IVGdiCtlCvoErrMax_3_C	1x1
DFES_Cls.DFC_IVGdiCtlCvoErrMin_0_C	1x1
DFES_Cls.DFC_IVGdiCtlCvoErrMin_1_C	1x1
DFES_Cls.DFC_IVGdiCtlCvoErrMin_2_C	1x1
DFES_Cls.DFC_IVGdiCtlCvoErrMin_3_C	1x1
DFES_Cls.DFC_IVGdiCtlCvoErrMinMax_C	1x1
DFES_Cls.DFC_IVGdiCtlCvoSigPlausErrSmrCdn_C	1x1
DFES_Cls.DFC_IVGdiCtl_CvoErr_C	1x1
DFES_Cls.DFC_IVGdiCtl_CvoSigPlaus_0_C	1x1
DFES_Cls.DFC_IVGdiCtl_CvoSigPlaus_1_C	1x1
DFES_Cls.DFC_IVGdiCtl_CvoSigPlaus_2_C	1x1
DFES_Cls.DFC_IVGdiCtl_CvoSigPlaus_3_C	1x1
DFES_Cls.DFC_IntkAirTAirFltDsCrssMax_C	1x1
DFES_Cls.DFC_IntkAirTAirFltDsCrssMin_C	1x1
DFES_Cls.DFC_IntkAirTAirFltDsHSCMax_C	1x1
DFES_Cls.DFC_IntkAirTAirFltDsImps_C	1x1
DFES_Cls.DFC_IntkAirTAirFltDsPRCMax_C	1x1
DFES_Cls.DFC_IntkAirTAirFltDsPRCMin_C	1x1
DFES_Cls.DFC_IntkAirTAirFltDsSRCMax_C	1x1
DFES_Cls.DFC_IntkAirTAirFltDsSRCMin_C	1x1
DFES_Cls.DFC_IntkAirTAirFltDsSTC_C	1x1
DFES_Cls.DFC_IntkAirTIntkMnfldCrssMax_C	1x1
DFES_Cls.DFC_IntkAirTIntkMnfldCrssMin_C	1x1
DFES_Cls.DFC_IntkAirTIntkMnfldHSCMax_C	1x1
DFES_Cls.DFC_IntkAirTIntkMnfldImps_C	1x1
DFES_Cls.DFC_IntkAirTIntkMnfldPRCMax_C	1x1
DFES_Cls.DFC_IntkAirTIntkMnfldPRCMin_C	1x1
DFES_Cls.DFC_IntkAirTIntkMnfldSRCMax_C	1x1
DFES_Cls.DFC_IntkAirTIntkMnfldSRCMin_C	1x1
DFES_Cls.DFC_IntkAirTIntkMnfldSTC_C	1x1
DFES_Cls.DFC_KRREGRLMX_C	1x1
DFES_Cls.DFC_KRVEKOCVLCI_C	1x1
DFES_Cls.DFC_KRVEKOENCHMT_C	1x1
DFES_Cls.DFC_KRVEKORLMX_C	1x1
DFES_Cls.DFC_KRVEKORLMXL_C	1x1
DFES_Cls.DFC_KS1max_C	1x1
DFES_Cls.DFC_KS1min_C	1x1
DFES_Cls.DFC_LDRRmax_C	1x1
DFES_Cls.DFC_LDRRmin_C	1x1

DFES_Cls.DFC_LMmax_C	1x1
DFES_Cls.DFC_LZSRnpl_C	1x1
DFES_Cls.DFC_LamDynDiagS1B1_C	1x1
DFES_Cls.DFC_LeakIntkMnfldEmiInfl_C	1x1
DFES_Cls.DFC_MD_C	1x1
DFES_Cls.DFC_MDBmax_C	1x1
DFES_Cls.DFC_MDCatCrit_C	1x1
DFES_Cls.DFC_MDCyl_0_C	1x1
DFES_Cls.DFC_MDCyl_1_C	1x1
DFES_Cls.DFC_MDCyl_2_C	1x1
DFES_Cls.DFC_MDCyl_3_C	1x1
DFES_Cls.DFC_MDFC_C	1x1
DFES_Cls.DFC_MRlyErlyOpng_C	1x1
DFES_Cls.DFC_MRlyErlyOpngRng_C	1x1
DFES_Cls.DFC_MRlyStk_C	1x1
DFES_Cls.DFC_MoCADCNTP_C	1x1
DFES_Cls.DFC_MoCADCTst_C	1x1
DFES_Cls.DFC_MoCComctErrMM_C	1x1
DFES_Cls.DFC_MoFAPP_C	1x1
DFES_Cls.DFC_MoFAirFilgPrdc_C	1x1
DFES_Cls.DFC_MoFAirFlCtOff_C	1x1
DFES_Cls.DFC_MoFAirFlCyl_C	1x1
DFES_Cls.DFC_MoFESpd_C	1x1
DFES_Cls.DFC_MoFGkc_C	1x1
DFES_Cls.DFC_MoFICOL1_C	1x1
DFES_Cls.DFC_MoFICOL2_C	1x1
DFES_Cls.DFC_MoFModc_C	1x1
DFES_Cls.DFC_MoFRlc_C	1x1
DFES_Cls.DFC_MoFStrt_C	1x1
DFES_Cls.DFC_MoFTrqCmp_C	1x1
DFES_Cls.DFC_MoFZwc_C	1x1
DFES_Cls.DFC_NWSAmax_C	1x1
DFES_Cls.DFC_NWSEmax_C	1x1
DFES_Cls.DFC_NWSmax_C	1x1
DFES_Cls.DFC_OCWDAActv_C	1x1
DFES_Cls.DFC_OCWDACom_C	1x1
DFES_Cls.DFC_OCWDAOvrVltg_C	1x1
DFES_Cls.DFC_ORAmax_C	1x1
DFES_Cls.DFC_ORAmin_C	1x1
DFES_Cls.DFC_OilPPlaus_C	1x1
DFES_Cls.DFC_PLLSUmax_C	1x1
DFES_Cls.DFC_PLLSUmin_C	1x1
DFES_Cls.DFC_PSR1max_C	1x1
DFES_Cls.DFC_PSRBmax_C	1x1
DFES_Cls.DFC_PSRBmin_C	1x1
DFES_Cls.DFC_PSRBnpl_C	1x1
DFES_Cls.DFC_PSRBsig_C	1x1
DFES_Cls.DFC_PSREmax_C	1x1
DFES_Cls.DFC_PSREmin_C	1x1
DFES_Cls.DFC_PSRPmax_C	1x1
DFES_Cls.DFC_PSRPmin_C	1x1
DFES_Cls.DFC_PSRPsig_C	1x1
DFES_Cls.DFC_PSRmax_C	1x1
DFES_Cls.DFC_PUmax_C	1x1
DFES_Cls.DFC_PVD1max_C	1x1
DFES_Cls.DFC_PVDEmax_C	1x1
DFES_Cls.DFC_PVDEmin_C	1x1
DFES_Cls.DFC_PVDRmax_C	1x1
DFES_Cls.DFC_PVDRmin_C	1x1
DFES_Cls.DFC_PVDRnpl_C	1x1
DFES_Cls.DFC_PVDRsig_C	1x1
DFES_Cls.DFC_PVDmax_C	1x1
DFES_Cls.DFC_SRCHighAPP1_C	1x1
DFES_Cls.DFC_SRCHighAPP2_C	1x1
DFES_Cls.DFC_SRCLowAPP1_C	1x1
DFES_Cls.DFC_SRCLowAPP2_C	1x1
DFES_Cls.DFC_STATFUmax_C	1x1
DFES_Cls.DFC_STATFUmin_C	1x1
DFES_Cls.DFC_STATFUnpl_C	1x1
DFES_Cls.DFC_STHDRmax_C	1x1
DFES_Cls.DFC_SUVRnpl_C	1x1
DFES_Cls.DFC_SUVmax_C	1x1
DFES_Cls.DFC_SWReset_0_C	1x1
DFES_Cls.DFC_SWReset_1_C	1x1
DFES_Cls.DFC_SWReset_2_C	1x1
DFES_Cls.DFC_StopCntTmr_C	1x1
DFES_Cls.DFC_Stsys_trqshutoff_C	1x1
DFES_Cls.DFC_SyncAPP_C	1x1
DFES_Cls.DFC_TACSmax_Dummy_C	1x1
DFES_Cls.DFC_TANKLnpl_C	1x1
DFES_Cls.DFC_TANLESUMmax_Dummy_C	1x1
DFES_Cls.DFC_TANLFmax_Dummy_C	1x1
DFES_Cls.DFC_TARmax_Dummy_C	1x1
DFES_Cls.DFC_TASRESUMmax_Dummy_C	1x1
DFES_Cls.DFC_TASRmax_Dummy_C	1x1
DFES_Cls.DFC_TAmax_Dummy_C	1x1
DFES_Cls.DFC_TESFmax_C	1x1
DFES_Cls.DFC_TESGmax_C	1x1
DFES_Cls.DFC_TESKmax_C	1x1
DFES_Cls.DFC_TESPL_C	1x1
DFES_Cls.DFC_TESmax_C	1x1
DFES_Cls.DFC_TESmin_C	1x1
DFES_Cls.DFC_TEVEmax_C	1x1
DFES_Cls.DFC_TEVEmin_C	1x1
DFES_Cls.DFC_TEVEsig_C	1x1
DFES_Cls.DFC_TKACSmax_C	1x1
DFES_Cls.DFC_TKACSmin_C	1x1
DFES_Cls.DFC_TKAEmax_C	1x1
DFES_Cls.DFC_TKAEmin_C	1x1

DFES_Cls.DFC_TKARmax_C	1x1
DFES_Cls.DFC_TKARnpl_C	1x1
DFES_Cls.DFC_TMmax_C	1x1
DFES_Cls.DFC_TUMPmax_C	1x1
DFES_Cls.DFC_TUMmax_C	1x1
DFES_Cls.DFC_TWCDPriCatB1_C	1x1
DFES_Cls.DFC_ThrVlvClsdPosnFirstOffsLrnImpoB1_C	1x1
DFES_Cls.DFC_ThrVlvClsdPosnOffsLrnImpoB1_C	1x1
DFES_Cls.DFC_ThrVlvClsdPosnOffsLrnMaxB1_C	1x1
DFES_Cls.DFC_ThrVlvClsdPosnOffsLrnMinB1_C	1x1
DFES_Cls.DFC_ThrVlvCtrlDeB1_C	1x1
DFES_Cls.DFC_ThrVlvDycB1_C	1x1
DFES_Cls.DFC_ThrVlvLimpAirPosnMaxAbsItDriftB1_C	1x1
DFES_Cls.DFC_ThrVlvLimpAirPosnMaxB1_C	1x1
DFES_Cls.DFC_ThrVlvLimpAirPosnMaxRelDriftB1_C	1x1
DFES_Cls.DFC_ThrVlvLimpAirPosnMinB1_C	1x1
DFES_Cls.DFC_ThrVlvOpenLoadB1_C	1x1
DFES_Cls.DFC_ThrVlvOpenSprgB1_C	1x1
DFES_Cls.DFC_ThrVlvOpenSprgSprdB1_C	1x1
DFES_Cls.DFC_ThrVlvOverTB1_C	1x1
DFES_Cls.DFC_ThrVlvRetSprgB1_C	1x1
DFES_Cls.DFC_ThrVlvRetSprgSprdB1_C	1x1
DFES_Cls.DFC_ThrVlvSens1MaxB1_C	1x1
DFES_Cls.DFC_ThrVlvSens1NplB1_C	1x1
DFES_Cls.DFC_ThrVlvSens2MaxB1_C	1x1
DFES_Cls.DFC_ThrVlvSens2MinB1_C	1x1
DFES_Cls.DFC_ThrVlvSens2NplB1_C	1x1
DFES_Cls.DFC_ThrVlvShoCircB1_C	1x1
DFES_Cls.DFC_ThrVlvSpiErrB1_C	1x1
DFES_Cls.DFC_ThrvlvSens1MinB1_C	1x1
DFES_Cls.DFC_TrbChCtrlDeB1_C	1x1
DFES_Cls.DFC_TrbChDycB1_C	1x1
DFES_Cls.DFC_TrbChLvrBrknB1_C	1x1
DFES_Cls.DFC_TrbChOpenLoadB1_C	1x1
DFES_Cls.DFC_TrbChOverTB1_C	1x1
DFES_Cls.DFC_TrbChPrmntFirstOffsLrnMaxB1_C	1x1
DFES_Cls.DFC_TrbChPrmntFirstOffsLrnMinB1_C	1x1
DFES_Cls.DFC_TrbChPrmntOffsLrnMaxB1_C	1x1
DFES_Cls.DFC_TrbChPrmntOffsLrnMinB1_C	1x1
DFES_Cls.DFC_TrbChSens1MaxB1_C	1x1
DFES_Cls.DFC_TrbChSens1MinB1_C	1x1
DFES_Cls.DFC_TrbChShoCircB1_C	1x1
DFES_Cls.DFC_TrbChSpiErrB1_C	1x1
DFES_Cls.DFC_UEGOHeatrCtlS1B1_C	1x1
DFES_Cls.DFC_UEGOSnsrMntdS1B1_C	1x1
DFES_Cls.DFC_UVSEmax_C	1x1
DFES_Cls.DFC_UVSEmin_C	1x1
DFES_Cls.DFC_UVSEsig_C	1x1
DFES_Cls.DFC_VehVSig_C	1x1
DFES_Cls.DFC_VlvLftExh1max_C	1x1
DFES_Cls.DFC_VlvLftExh1min_C	1x1
DFES_Cls.DFC_VlvLftExh1sig_C	1x1
DFES_DbLv_C	1x1
DFES_DTCO.DFC_Unused_C	1x1
DFES_DTCO.DFC_ATRlyStkOffErr_C	1x1
DFES_DTCO.DFC_ATRlyStkOnErr_C	1x1
DFES_DTCO.DFC_AltIOACGFailr_C	1x1
DFES_DTCO.DFC_AltIOACGHiVltg_C	1x1
DFES_DTCO.DFC_AltIOACGLoVltg_C	1x1
DFES_DTCO.DFC_AltIOACGTHi_C	1x1
DFES_DTCO.DFC_AltIODConnACG_C	1x1
DFES_DTCO.DFC_BrkBstPDriftHiErr_C	1x1
DFES_DTCO.DFC_BrkBstPDriftLoErr_C	1x1
DFES_DTCO.DFC_BrkBstPSnsrStuck_C	1x1
DFES_DTCO.DFC_BrkMnSwtContOn_C	1x1
DFES_DTCO.DFC_BrkMnSwtNotStp_C	1x1
DFES_DTCO.DFC_BrkNpl_C	1x1
DFES_DTCO.DFC_BrkRdntSwtContOn_C	1x1
DFES_DTCO.DFC_BrkRdntSwtNotStp_C	1x1
DFES_DTCO.DFC_Clth3ONStuck_C	1x1
DFES_DTCO.DFC_Clth4OFFStuck_C	1x1
DFES_DTCO.DFC_ClthOFFStuck_C	1x1
DFES_DTCO.DFC_ClthONStuck_C	1x1
DFES_DTCO.DFC_ClthStkFailInfo_C	1x1
DFES_DTCO.DFC_ComABSWrn_C	1x1
DFES_DTCO.DFC_ComACCAChksum_C	1x1
DFES_DTCO.DFC_ComACCADLC_C	1x1
DFES_DTCO.DFC_ComACCARingCnt_C	1x1
DFES_DTCO.DFC_ComACCATOut_C	1x1
DFES_DTCO.DFC_ComACCBChkSum_C	1x1
DFES_DTCO.DFC_ComACCBRingCnt_C	1x1
DFES_DTCO.DFC_ComACCBTOut_C	1x1
DFES_DTCO.DFC_ComACCChkSum_C	1x1
DFES_DTCO.DFC_ComACCRingCnt_C	1x1
DFES_DTCO.DFC_ComACCTOut_C	1x1
DFES_DTCO.DFC_ComACFailInfo_C	1x1
DFES_DTCO.DFC_ComADSChkSum_C	1x1
DFES_DTCO.DFC_ComADSRingCnt_C	1x1
DFES_DTCO.DFC_ComADSTOut_C	1x1
DFES_DTCO.DFC_ComATErr4_C	1x1
DFES_DTCO.DFC_ComATGearInfoErr_C	1x1
DFES_DTCO.DFC_ComATISS_C	1x1
DFES_DTCO.DFC_ComAWDChksum_C	1x1
DFES_DTCO.DFC_ComAWDMechFail_C	1x1
DFES_DTCO.DFC_ComAWDRingCnt_C	1x1
DFES_DTCO.DFC_ComAWDTOut_C	1x1
DFES_DTCO.DFC_ComAYCAChksum_C	1x1
DFES_DTCO.DFC_ComAYCARingCnt_C	1x1
DFES_DTCO.DFC_ComAYCATOut_C	1x1

DFES_DTCO.DFC_ComAYCBChkSum_C	1x1
DFES_DTCO.DFC_ComAYCBRingCnt_C	1x1
DFES_DTCO.DFC_ComAYCBTOut_C	1x1
DFES_DTCO.DFC_ComAYCCtlErr_C	1x1
DFES_DTCO.DFC_ComAYCDChkSum_C	1x1
DFES_DTCO.DFC_ComAYCDTOut_C	1x1
DFES_DTCO.DFC_ComAYCFChksum_C	1x1
DFES_DTCO.DFC_ComAYCFCtlErr_C	1x1
DFES_DTCO.DFC_ComAYCFRingCnt_C	1x1
DFES_DTCO.DFC_ComAYCFTOut_C	1x1
DFES_DTCO.DFC_ComAirEnvT_C	1x1
DFES_DTCO.DFC_ComApcChksum_C	1x1
DFES_DTCO.DFC_ComApcRingCnt_C	1x1
DFES_DTCO.DFC_ComApcTOut_C	1x1
DFES_DTCO.DFC_ComBB10TOut_C	1x1
DFES_DTCO.DFC_ComBB1TOut_C	1x1
DFES_DTCO.DFC_ComBB2TOut_C	1x1
DFES_DTCO.DFC_ComCANABusOffErr_C	1x1
DFES_DTCO.DFC_ComCANBBusOffErr_C	1x1
DFES_DTCO.DFC_ComCANCBusOffErr_C	1x1
DFES_DTCO.DFC_ComConvBoostErr_C	1x1
DFES_DTCO.DFC_ComDCDCInpErr1_C	1x1
DFES_DTCO.DFC_ComDCDCInpErr2_C	1x1
DFES_DTCO.DFC_ComDCDCIntErr_C	1x1
DFES_DTCO.DFC_ComDCDCOutpErr1_C	1x1
DFES_DTCO.DFC_ComDCDCOutpErr2_C	1x1
DFES_DTCO.DFC_ComDCDCTempWarn1_C	1x1
DFES_DTCO.DFC_ComDCDCTempWarn2_C	1x1
DFES_DTCO.DFC_ComEAT10Chksum_C	1x1
DFES_DTCO.DFC_ComEAT10RingCnt_C	1x1
DFES_DTCO.DFC_ComEAT10TOut_C	1x1
DFES_DTCO.DFC_ComEAT2ChkSum_C	1x1
DFES_DTCO.DFC_ComEAT2RingCnt_C	1x1
DFES_DTCO.DFC_ComEAT2TOut_C	1x1
DFES_DTCO.DFC_ComEAT4ChkSum_C	1x1
DFES_DTCO.DFC_ComEAT4RingCnt_C	1x1
DFES_DTCO.DFC_ComEAT4TOut_C	1x1
DFES_DTCO.DFC_ComEAT5ChkSum_C	1x1
DFES_DTCO.DFC_ComEAT5RingCnt_C	1x1
DFES_DTCO.DFC_ComEAT5TOut_C	1x1
DFES_DTCO.DFC_ComEAT6Chksum_C	1x1
DFES_DTCO.DFC_ComEAT6RingCnt_C	1x1
DFES_DTCO.DFC_ComEAT6TOut_C	1x1
DFES_DTCO.DFC_ComEAT9Chksum_C	1x1
DFES_DTCO.DFC_ComEAT9RingCnt_C	1x1
DFES_DTCO.DFC_ComEAT9TOut_C	1x1
DFES_DTCO.DFC_ComEATAChksum_C	1x1
DFES_DTCO.DFC_ComEATARingCnt_C	1x1
DFES_DTCO.DFC_ComEATATOut_C	1x1
DFES_DTCO.DFC_ComEATBChkSum_C	1x1
DFES_DTCO.DFC_ComEATBRingCnt_C	1x1
DFES_DTCO.DFC_ComEATBTOut_C	1x1
DFES_DTCO.DFC_ComEATErr_C	1x1
DFES_DTCO.DFC_ComEBSSelfDiagErr_C	1x1
DFES_DTCO.DFC_ComEPBChksum_C	1x1
DFES_DTCO.DFC_ComEPBTOut_C	1x1
DFES_DTCO.DFC_ComEPBctRing_C	1x1
DFES_DTCO.DFC_ComEPS1Chksum_C	1x1
DFES_DTCO.DFC_ComEPS1RingCnt_C	1x1
DFES_DTCO.DFC_ComEPS1TOut_C	1x1
DFES_DTCO.DFC_ComEPSChksum_C	1x1
DFES_DTCO.DFC_ComEPSRingCnt_C	1x1
DFES_DTCO.DFC_ComEPSTOut_C	1x1
DFES_DTCO.DFC_ComEVPChksum_C	1x1
DFES_DTCO.DFC_ComEVPRingCnt_C	1x1
DFES_DTCO.DFC_ComEVPTOut_C	1x1
DFES_DTCO.DFC_ComIDASBChksum_C	1x1
DFES_DTCO.DFC_ComIDASBRingCnt_C	1x1
DFES_DTCO.DFC_ComIDASBTOut_C	1x1
DFES_DTCO.DFC_ComISSPrms_C	1x1
DFES_DTCO.DFC_ComMETAChksum_C	1x1
DFES_DTCO.DFC_ComMETARingCnt_C	1x1
DFES_DTCO.DFC_ComMETATOut_C	1x1
DFES_DTCO.DFC_ComMETBChksum_C	1x1
DFES_DTCO.DFC_ComMETBRingCnt_C	1x1
DFES_DTCO.DFC_ComMETBTOut_C	1x1
DFES_DTCO.DFC_ComMETCChksum_C	1x1
DFES_DTCO.DFC_ComMETCRingCnt_C	1x1
DFES_DTCO.DFC_ComMETCTOut_C	1x1
DFES_DTCO.DFC_ComMETDChksum_C	1x1
DFES_DTCO.DFC_ComMETDRingCnt_C	1x1
DFES_DTCO.DFC_ComMETDTOut_C	1x1
DFES_DTCO.DFC_ComMETE2Chksum_C	1x1
DFES_DTCO.DFC_ComMETE2RingCnt_C	1x1
DFES_DTCO.DFC_ComMETE2TOut_C	1x1
DFES_DTCO.DFC_ComMETEChksum_C	1x1
DFES_DTCO.DFC_ComMETERingCnt_C	1x1
DFES_DTCO.DFC_ComMETETOut_C	1x1
DFES_DTCO.DFC_ComMETFChksum_C	1x1
DFES_DTCO.DFC_ComMETFRingCnt_C	1x1
DFES_DTCO.DFC_ComMETFTOut_C	1x1
DFES_DTCO.DFC_ComMETGChksum_C	1x1
DFES_DTCO.DFC_ComMETGRingCnt_C	1x1
DFES_DTCO.DFC_ComMETGTOut_C	1x1
DFES_DTCO.DFC_ComMETH2Chksum_C	1x1
DFES_DTCO.DFC_ComMETH2RingCnt_C	1x1
DFES_DTCO.DFC_ComMETH2TOut_C	1x1
DFES_DTCO.DFC_ComMETHChksum_C	1x1
DFES_DTCO.DFC_ComMETHRingCnt_C	1x1

DFES_DTCO.DFC_ComMETHTOut_C	1x1
DFES_DTCO.DFC_ComMETIChksum_C	1x1
DFES_DTCO.DFC_ComMETIRingCnt_C	1x1
DFES_DTCO.DFC_ComMETITOut_C	1x1
DFES_DTCO.DFC_ComMETKChksum_C	1x1
DFES_DTCO.DFC_ComMETKRingCnt_C	1x1
DFES_DTCO.DFC_ComMETKTOut_C	1x1
DFES_DTCO.DFC_ComMETLChksum_C	1x1
DFES_DTCO.DFC_ComMETLRingCnt_C	1x1
DFES_DTCO.DFC_ComMETLTOut_C	1x1
DFES_DTCO.DFC_ComMETMChksum_C	1x1
DFES_DTCO.DFC_ComMETMRingCnt_C	1x1
DFES_DTCO.DFC_ComMETMTOut_C	1x1
DFES_DTCO.DFC_ComMETNChksum_C	1x1
DFES_DTCO.DFC_ComMETNRingCnt_C	1x1
DFES_DTCO.DFC_ComMETNTOut_C	1x1
DFES_DTCO.DFC_ComMtrCom_C	1x1
DFES_DTCO.DFC_ComMtrEva_C	1x1
DFES_DTCO.DFC_ComPCUChkSum_C	1x1
DFES_DTCO.DFC_ComPCURingCnt_C	1x1
DFES_DTCO.DFC_ComPCUTOut_C	1x1
DFES_DTCO.DFC_ComSRSAChksum_C	1x1
DFES_DTCO.DFC_ComSRSARingCnt_C	1x1
DFES_DTCO.DFC_ComSRSATOut_C	1x1
DFES_DTCO.DFC_ComSRSActive_C	1x1
DFES_DTCO.DFC_ComSRSBChksum_C	1x1
DFES_DTCO.DFC_ComSRSBRingCnt_C	1x1
DFES_DTCO.DFC_ComSRSBTOut_C	1x1
DFES_DTCO.DFC_ComSRSChksum_C	1x1
DFES_DTCO.DFC_ComSRSErr_C	1x1
DFES_DTCO.DFC_ComSRSRingCnt_C	1x1
DFES_DTCO.DFC_ComSRSTOut_C	1x1
DFES_DTCO.DFC_ComSWTCH1AlvCnt_C	1x1
DFES_DTCO.DFC_ComSWTCH1Chksum_C	1x1
DFES_DTCO.DFC_ComSWTCH1TOut_C	1x1
DFES_DTCO.DFC_ComTqCnvrSlipErr_C	1x1
DFES_DTCO.DFC_Cy150SpiCom_C	1x1
DFES_DTCO.DFC_Cy327SpiCom_C	1x1
DFES_DTCO.DFC_EbsChartcCurrErr_C	1x1
DFES_DTCO.DFC_EbsSelfDiagErr_C	1x1
DFES_DTCO.DFC_ElecLdSRCMax_C	1x1
DFES_DTCO.DFC_ElecLdSRCMin_C	1x1
DFES_DTCO.DFC_EnvTDef_C	1x1
DFES_DTCO.DFC_EnvTSig_C	1x1
DFES_DTCO.DFC_GEVlvPhaPsOpenLoadIntkB1_C	1x1
DFES_DTCO.DFC_GEVlvPhaPsOpenLoadOutlB1_C	1x1
DFES_DTCO.DFC_GEVlvPhaPsShoToBattIntkB1_C	1x1
DFES_DTCO.DFC_GEVlvPhaPsShoToBattOutlB1_C	1x1
DFES_DTCO.DFC_GEVlvPhaPsShoToGndIntkB1_C	1x1
DFES_DTCO.DFC_GEVlvPhaPsShoToGndOutlB1_C	1x1
DFES_DTCO.DFC_GbxAlvChk_C	1x1
DFES_DTCO.DFC_GbxNPos1SRCMax_C	1x1
DFES_DTCO.DFC_GbxNPos1SRCMin_C	1x1
DFES_DTCO.DFC_GbxNPos2SRCMax_C	1x1
DFES_DTCO.DFC_GbxNPos2SRCMin_C	1x1
DFES_DTCO.DFC_GbxNPosCorrIn_C	1x1
DFES_DTCO.DFC_GbxRevLckOL_C	1x1
DFES_DTCO.DFC_GbxRevLckOt_C	1x1
DFES_DTCO.DFC_GbxRevLckSCB_C	1x1
DFES_DTCO.DFC_GbxRevLckSCG_C	1x1
DFES_DTCO.DFC_GbxSleepErr_C	1x1
DFES_DTCO.DFC_GbxSpdPlausErr_C	1x1
DFES_DTCO.DFC_LinCSErrACG_C	1x1
DFES_DTCO.DFC_LinCSErrDCDC_C	1x1
DFES_DTCO.DFC_LinCSErrEBS_C	1x1
DFES_DTCO.DFC_LinFrameErrACG_C	1x1
DFES_DTCO.DFC_LinFrameErrDCDC_C	1x1
DFES_DTCO.DFC_LinFrameErrEBS_C	1x1
DFES_DTCO.DFC_LinHdrTimeoutErrACG_C	1x1
DFES_DTCO.DFC_LinHdrTimeoutErrDCDC_C	1x1
DFES_DTCO.DFC_LinHdrTimeoutErrEBS_C	1x1
DFES_DTCO.DFC_LinMsgTimeoutErrACG_C	1x1
DFES_DTCO.DFC_LinMsgTimeoutErrDCDC_C	1x1
DFES_DTCO.DFC_LinMsgTimeoutErrEBS_C	1x1
DFES_DTCO.DFC_LinNoStrtComErr_C	1x1
DFES_DTCO.DFC_LinOverrunErrACG_C	1x1
DFES_DTCO.DFC_LinOverrunErrDCDC_C	1x1
DFES_DTCO.DFC_LinOverrunErrEBS_C	1x1
DFES_DTCO.DFC_LinParityErr_C	1x1
DFES_DTCO.DFC_LowPresOilP_C	1x1
DFES_DTCO.DFC_METCSum_C	1x1
DFES_DTCO.DFC_METctRing_C	1x1
DFES_DTCO.DFC_METtiDeb_C	1x1
DFES_DTCO.DFC_MisfDetdVWhlFrntLePlaus_C	1x1
DFES_DTCO.DFC_MisfDetdVWhlFrntRiPlaus_C	1x1
DFES_DTCO.DFC_MisfDetdVWhlReLePlaus_C	1x1
DFES_DTCO.DFC_MisfDetdVWhlReRiPlaus_C	1x1
DFES_DTCO.DFC_MonUMaxSupply1_C	1x1
DFES_DTCO.DFC_MonUMinSupply1_C	1x1
DFES_DTCO.DFC_OilAbnormErr_C	1x1
DFES_DTCO.DFC_OilErr_C	1x1
DFES_DTCO.DFC_PEnvSigRngMax_C	1x1
DFES_DTCO.DFC_PEnvSigRngMin_C	1x1
DFES_DTCO.DFC_Pmd_PeriMon_C	1x1
DFES_DTCO.DFC_SSpMon1_C	1x1
DFES_DTCO.DFC_SSpMon1OV_C	1x1
DFES_DTCO.DFC_SSpMon1SCG_C	1x1
DFES_DTCO.DFC_SSpMon1UV_C	1x1
DFES_DTCO.DFC_SSpMon2_C	1x1

DFES_DTCO.DFC_SSpMon2OV_C	1x1
DFES_DTCO.DFC_SSpMon2SCG_C	1x1
DFES_DTCO.DFC_SSpMon2UV_C	1x1
DFES_DTCO.DFC_SSpMon3_C	1x1
DFES_DTCO.DFC_SSpMon3OV_C	1x1
DFES_DTCO.DFC_SSpMon3SCG_C	1x1
DFES_DTCO.DFC_SSpMon3UV_C	1x1
DFES_DTCO.DFC_StmFault_C	1x1
DFES_DTCO.DFC_StrtCtOffPth_C	1x1
DFES_DTCO.DFC_StrtCtlErr_C	1x1
DFES_DTCO.DFC_StrtFault_C	1x1
DFES_DTCO.DFC_StrtLckJudg1_C	1x1
DFES_DTCO.DFC_StrtLckJudg2_C	1x1
DFES_DTCO.DFC_StrtOL_C	1x1
DFES_DTCO.DFC_StrtOL2_C	1x1
DFES_DTCO.DFC_StrtSCB_C	1x1
DFES_DTCO.DFC_StrtSCB2_C	1x1
DFES_DTCO.DFC_StrtSCG_C	1x1
DFES_DTCO.DFC_StrtSCG2_C	1x1
DFES_DTCO.DFC_StrtStkRly1_C	1x1
DFES_DTCO.DFC_StrtStkRly2_C	1x1
DFES_DTCO.DFC_T50OL_C	1x1
DFES_DTCO.DFC_VehVAllPlaus_C	1x1
DFES_DTCO.DFC_VehVPlausCan_C	1x1
DFES_DTCO.DFC_VehVPlausFco_C	1x1
DFES_DTCO.DFC_VehVPlausPwr_C	1x1
DFES_DTCO.DFC_VehVPlausV2N_C	1x1
DFES_DTCO.DFC_ClthMax_C	1x1
DFES_DTCO.DFC_IgnClPsDevIdentErr1_C	1x1
DFES_DTCO.DFC_IgnClPsDevSpiErr1_C	1x1
DFES_DTCO.DFC_IgnClPsOpenLoad0_C	1x1
DFES_DTCO.DFC_IgnClPsOpenLoad1_C	1x1
DFES_DTCO.DFC_IgnClPsOpenLoad2_C	1x1
DFES_DTCO.DFC_IgnClPsOpenLoad3_C	1x1
DFES_DTCO.DFC_IgnClPsShCirBatt0_C	1x1
DFES_DTCO.DFC_IgnClPsShCirBatt1_C	1x1
DFES_DTCO.DFC_IgnClPsShCirBatt2_C	1x1
DFES_DTCO.DFC_IgnClPsShCirBatt3_C	1x1
DFES_DTCO.DFC_IgnClPsShCirGnd0_C	1x1
DFES_DTCO.DFC_IgnClPsShCirGnd1_C	1x1
DFES_DTCO.DFC_IgnClPsShCirGnd2_C	1x1
DFES_DTCO.DFC_IgnClPsShCirGnd3_C	1x1
DFES_DTCO.DFC_KRVEKOEVAB_C	1x1
DFES_DTCO.DFC_KRVEKOEVAB0_C	1x1
DFES_DTCO.DFC_KRVEKOEVAB1_C	1x1
DFES_DTCO.DFC_KRVEKOEVAB2_C	1x1
DFES_DTCO.DFC_KRVEKOEVAB3_C	1x1
DFES_DTCO.DFC_MfPsNonPlausible_C	1x1
DFES_DTCO.DFC_T50RetOL_C	1x1
DFES_DTCO.DFC_T50RetSCB_C	1x1
DFES_DTCO.DFC_T50SCB_C	1x1
DFES_DTCO.DFC_UEGOASICS1B1_C	1x1
DFES_DTCO.DFC_UEGOOLIPES1B1_C	1x1
DFES_DTCO.DFC_UEGOOLRES1B1_C	1x1
DFES_DTCO.DFC_UEGOSCBS1B1_C	1x1
DFES_DTCO.DFC_UEGOSCGS1B1_C	1x1
DFES_DTCO.DFC_UEGOSPIS1B1_C	1x1
DFES_DTCO.DFC_UEGOSnsrS1B1_C	1x1
DFES_DTCO.DFC_UegoOlApesS1B1_C	1x1
DFES_DTCO.DFC_UegoOlRCmpS1B1_C	1x1
DFES_DTCO.DFC_AirCCmprOL_C	1x1
DFES_DTCO.DFC_AirCCmprOvrTemp_C	1x1
DFES_DTCO.DFC_AirCCmprSCB_C	1x1
DFES_DTCO.DFC_AirCCmprSCG_C	1x1
DFES_DTCO.DFC_AltErr_C	1x1
DFES_DTCO.DFC_BattUSRCMax_C	1x1
DFES_DTCO.DFC_BattUSRCMin_C	1x1
DFES_DTCO.DFC_DevLibBattUHi_C	1x1
DFES_DTCO.DFC_DevLibBattULo_C	1x1
DFES_DTCO.DFC_FanDIOOL_0_C	1x1
DFES_DTCO.DFC_FanDIOOL_1_C	1x1
DFES_DTCO.DFC_FanDIOOvrTemp_0_C	1x1
DFES_DTCO.DFC_FanDIOOvrTemp_1_C	1x1
DFES_DTCO.DFC_FanDIOSCB_0_C	1x1
DFES_DTCO.DFC_FanDIOSCB_1_C	1x1
DFES_DTCO.DFC_FanDIOSCG_0_C	1x1
DFES_DTCO.DFC_FanDIOSCG_1_C	1x1
DFES_DTCO.DFC_PSPOL_C	1x1
DFES_DTCO.DFC_PSPOvrTemp_C	1x1
DFES_DTCO.DFC_PSPSCB_C	1x1
DFES_DTCO.DFC_PSPSCG_C	1x1
DFES_DTCO.DFC_VehVSclOutOL_C	1x1
DFES_DTCO.DFC_VehVSclOutOT_C	1x1
DFES_DTCO.DFC_VehVSclOutSCB_C	1x1
DFES_DTCO.DFC_VehVSclOutSCG_C	1x1
DFES_DTCO.DFC_VehVSigFL_C	1x1
DFES_DTCO.DFC_VehVSigFR_C	1x1
DFES_DTCO.DFC_VehVSigRL_C	1x1
DFES_DTCO.DFC_VehVSigRR_C	1x1
DFES_DTCO.DFC_VlvLftFbSwtExh11SpclFail_C	1x1
DFES_DTCO.DFC_VlvLftFbSwtExh11StdFail_C	1x1
DFES_DTCO.DFC_DHFHD_C	1x1
DFES_DTCO.DFC_InjVlv_DI_NoLd_0_C	1x1
DFES_DTCO.DFC_InjVlv_DI_NoLd_1_C	1x1
DFES_DTCO.DFC_InjVlv_DI_NoLd_2_C	1x1
DFES_DTCO.DFC_InjVlv_DI_NoLd_3_C	1x1
DFES_DTCO.DFC_InjVlv_DI_ScBnk_0_C	1x1
DFES_DTCO.DFC_InjVlv_DI_ScBnk_1_C	1x1
DFES_DTCO.DFC_InjVlv_DI_ScBnk_2_C	1x1

DFES_DTCO.DFC_InjVlv_DI_ScBnk_3_C	1x1
DFES_DTCO.DFC_InjVlv_DI_ScCyl_0_C	1x1
DFES_DTCO.DFC_InjVlv_DI_ScCyl_1_C	1x1
DFES_DTCO.DFC_InjVlv_DI_ScCyl_2_C	1x1
DFES_DTCO.DFC_InjVlv_DI_ScCyl_3_C	1x1
DFES_DTCO.DFC_InjVlv_DI_ScHsLs_0_C	1x1
DFES_DTCO.DFC_InjVlv_DI_ScHsLs_1_C	1x1
DFES_DTCO.DFC_InjVlv_DI_ScHsLs_2_C	1x1
DFES_DTCO.DFC_InjVlv_DI_ScHsLs_3_C	1x1
DFES_DTCO.DFC_MfPsDiaOpenLoad1_C	1x1
DFES_DTCO.DFC_MfPsDiaScHiS1_C	1x1
DFES_DTCO.DFC_MfPsDiaScHiSLowS1_C	1x1
DFES_DTCO.DFC_MfPsDiaScLowS1_C	1x1
DFES_DTCO.DFC_MfPsOpenLoad_C	1x1
DFES_DTCO.DFC_MfPsShCirBattLowSide_C	1x1
DFES_DTCO.DFC_MfPsShCirGndLowSide_C	1x1
DFES_DTCO.DFC_ACEvpTPhysRngHi_C	1x1
DFES_DTCO.DFC_ACEvpTPhysRngLo_C	1x1
DFES_DTCO.DFC_ACEvpTSRCMax_C	1x1
DFES_DTCO.DFC_ACEvpTSRCMin_C	1x1
DFES_DTCO.DFC_AirCCIntPAnaSRCMax_C	1x1
DFES_DTCO.DFC_AirCCIntPAnaSRCMin_C	1x1
DFES_DTCO.DFC_AirCSwtNpl_C	1x1
DFES_DTCO.DFC_AirCSwtSig_C	1x1
DFES_DTCO.DFC_Brk_C	1x1
DFES_DTCO.DFC_BrkBstSensSCB_C	1x1
DFES_DTCO.DFC_BrkBstSensSCG_C	1x1
DFES_DTCO.DFC_BrkPPhysRngHi_C	1x1
DFES_DTCO.DFC_BrkPPhysRngLo_C	1x1
DFES_DTCO.DFC_BrkSig_C	1x1
DFES_DTCO.DFC_CltchSig_C	1x1
DFES_DTCO.DFC_EngSpdOL_C	1x1
DFES_DTCO.DFC_EngSpdOT_C	1x1
DFES_DTCO.DFC_EngSpdSCB_C	1x1
DFES_DTCO.DFC_EngSpdSCG_C	1x1
DFES_DTCO.DFC_GbxNPosSig_C	1x1
DFES_DTCO.DFC_HLSDemOvhtEngLim_C	1x1
DFES_DTCO.DFC_OilPSwmpSRCMax_C	1x1
DFES_DTCO.DFC_OilPSwmpSRCMin_C	1x1
DFES_DTCO.DFC_VehVPhysRngHi_C	1x1
DFES_DTCO.DFC_VehVPhysRngLo_C	1x1
DFES_DTCO.DFC_VehVSigCan_C	1x1
DFES_DTCO.DFC_VehVSigCanSafe_C	1x1
DFES_DTCO.DFC_CltchNpl_C	1x1
DFES_DTCO.DFC_MRlySCG_C	1x1
DFES_DTCO.DFC_MisfDetVWhlFrntLeOORHi_C	1x1
DFES_DTCO.DFC_MisfDetVWhlFrntLeRatyHi_C	1x1
DFES_DTCO.DFC_MisfDetVWhlFrntLeRatyLo_C	1x1
DFES_DTCO.DFC_MisfDetVWhlFrntLeStuck_C	1x1
DFES_DTCO.DFC_MisfDetVWhlFrntRiOORHi_C	1x1
DFES_DTCO.DFC_MisfDetVWhlFrntRiRatyHi_C	1x1
DFES_DTCO.DFC_MisfDetVWhlFrntRiRatyLo_C	1x1
DFES_DTCO.DFC_MisfDetVWhlFrntRiStuck_C	1x1
DFES_DTCO.DFC_MisfDetVWhlReLeOORHi_C	1x1
DFES_DTCO.DFC_MisfDetVWhlReLeRatyHi_C	1x1
DFES_DTCO.DFC_MisfDetVWhlReLeRatyLo_C	1x1
DFES_DTCO.DFC_MisfDetVWhlReLeStuck_C	1x1
DFES_DTCO.DFC_MisfDetVWhlReRiOORHi_C	1x1
DFES_DTCO.DFC_MisfDetVWhlReRiRatyHi_C	1x1
DFES_DTCO.DFC_MisfDetVWhlReRiRatyLo_C	1x1
DFES_DTCO.DFC_MisfDetVWhlReRiStuck_C	1x1
DFES_DTCO.DFC_PEnvCcMax_C	1x1
DFES_DTCO.DFC_PEnvCcMin_C	1x1
DFES_DTCO.DFC_PEnvPlausMax_C	1x1
DFES_DTCO.DFC_PEnvPlausMin_C	1x1
DFES_DTCO.DFC_PEnvRngChkMax_C	1x1
DFES_DTCO.DFC_PEnvRngChkMin_C	1x1
DFES_DTCO.DFC_PEnvSnsrPlaus_C	1x1
DFES_DTCO.DFC_UEGOHeatrPsS1B1Max_C	1x1
DFES_DTCO.DFC_UEGOHeatrPsS1B1Min_C	1x1
DFES_DTCO.DFC_UEGOHeatrPsS1B1Sig_C	1x1
DFES_DTCO.DFC_UEGOHeatrRlyPsOLS1B1_C	1x1
DFES_DTCO.DFC_UEGOHeatrRlyPsSCBS1B1_C	1x1
DFES_DTCO.DFC_UEGOHeatrRlyPsSCGS1B1_C	1x1
DFES_DTCO.DFC_KnDetSens1PortAMax_C	1x1
DFES_DTCO.DFC_KnDetSens1PortAMin_C	1x1
DFES_DTCO.DFC_KnDetSens1PortBMax_C	1x1
DFES_DTCO.DFC_KnDetSens1PortBMin_C	1x1
DFES_DTCO.DFC_AFIMRAWZlean_0_C	1x1
DFES_DTCO.DFC_AFIMRAWZlean_1_C	1x1
DFES_DTCO.DFC_AFIMRAWZlean_2_C	1x1
DFES_DTCO.DFC_AFIMRAWZlean_3_C	1x1
DFES_DTCO.DFC_AFIMRAWZrich_0_C	1x1
DFES_DTCO.DFC_AFIMRAWZrich_1_C	1x1
DFES_DTCO.DFC_AFIMRAWZrich_2_C	1x1
DFES_DTCO.DFC_AFIMRAWZrich_3_C	1x1
DFES_DTCO.DFC_AFIMRAWlean_C	1x1
DFES_DTCO.DFC_AFIMRAWrich_C	1x1
DFES_DTCO.DFC_AFIMZlean_0_C	1x1
DFES_DTCO.DFC_AFIMZlean_1_C	1x1
DFES_DTCO.DFC_AFIMZlean_2_C	1x1
DFES_DTCO.DFC_AFIMZlean_3_C	1x1
DFES_DTCO.DFC_AFIMZrich_0_C	1x1
DFES_DTCO.DFC_AFIMZrich_1_C	1x1
DFES_DTCO.DFC_AFIMZrich_2_C	1x1
DFES_DTCO.DFC_AFIMZrich_3_C	1x1
DFES_DTCO.DFC_AFIMlean_C	1x1
DFES_DTCO.DFC_AFIMrich_C	1x1
DFES_DTCO.DFC_Clth2ONStuck_C	1x1

DFES_DTCO.DFC_Clth2ONStuckLdc_C	1x1
DFES_DTCO.DFC_Clth3ONStuckLdc_C	1x1
DFES_DTCO.DFC_Clth3ONStuckPostDrv_C	1x1
DFES_DTCO.DFC_Clth4ONStuck_C	1x1
DFES_DTCO.DFC_Clth4ONStuckLdc_C	1x1
DFES_DTCO.DFC_DSTDmax_C	1x1
DFES_DTCO.DFC_DYLSUmin_C	1x1
DFES_DTCO.DFC_EEPEraseErr_C	1x1
DFES_DTCO.DFC_EbsSocFlt_C	1x1
DFES_DTCO.DFC_EepShdw_C	1x1
DFES_DTCO.DFC_EngPrtTMFWShOff_C	1x1
DFES_DTCO.DFC_I14229VINErr_C	1x1
DFES_DTCO.DFC_InjCatHeatgErr_C	1x1
DFES_DTCO.DFC_LLRHmax_C	1x1
DFES_DTCO.DFC_LLRHmin_C	1x1
DFES_DTCO.DFC_LLRHnpl_C	1x1
DFES_DTCO.DFC_LLRKHmax_C	1x1
DFES_DTCO.DFC_LLRKHmin_C	1x1
DFES_DTCO.DFC_LLRKHnpl_C	1x1
DFES_DTCO.DFC_OilPlausErr_C	1x1
DFES_DTCO.DFC_RoughRoad_C	1x1
DFES_DTCO.DFC_SiaEEPRdErr_C	1x1
DFES_DTCO.DFC_SiaEEPWrngCod_C	1x1
DFES_DTCO.DFC_Tprot_Rttp_Err_C	1x1
DFES_DTCO.DFC_UegoDummy_C	1x1
DFES_DTCO.DFC_VehVMax_C	1x1
DFES_DTCO.DFC_VehVPlaus_C	1x1
DFES_DTCO.DFC_AAVEmax_C	1x1
DFES_DTCO.DFC_AAVEmin_C	1x1
DFES_DTCO.DFC_AAVEsig_C	1x1
DFES_DTCO.DFC_AAVmin_C	1x1
DFES_DTCO.DFC_BBKRnldg_C	1x1
DFES_DTCO.DFC_BBKRsyne_C	1x1
DFES_DTCO.DFC_BigLeakIntkMnfldEmiInfl_C	1x1
DFES_DTCO.DFC_BrkMnSwtContOnWarnLmp_C	1x1
DFES_DTCO.DFC_BrkMnSwtNotStpWarnLmp_C	1x1
DFES_DTCO.DFC_BrkRdntSwtContOnWarnLmp_C	1x1
DFES_DTCO.DFC_BrkRdntSwtNotStpWarnLmp_C	1x1
DFES_DTCO.DFC_CEngDsTColdStrtMax_C	1x1
DFES_DTCO.DFC_CEngDsTColdStrtMin_C	1x1
DFES_DTCO.DFC_CEngDsTImps_C	1x1
DFES_DTCO.DFC_CEngDsTPlausHSC_C	1x1
DFES_DTCO.DFC_CEngDsTPlausLSC_C	1x1
DFES_DTCO.DFC_CEngDsTPlausSTC_C	1x1
DFES_DTCO.DFC_CEngDsTSRCMax_C	1x1
DFES_DTCO.DFC_CEngDsTSRCMin_C	1x1
DFES_DTCO.DFC_CEngDsTSig_C	1x1
DFES_DTCO.DFC_CEngUsTSRCMax_C	1x1
DFES_DTCO.DFC_CEngUsTSRCMin_C	1x1
DFES_DTCO.DFC_CFCmax_C	1x1
DFES_DTCO.DFC_CILCNMsfMax_0_C	1x1
DFES_DTCO.DFC_CILCNMsfMax_1_C	1x1
DFES_DTCO.DFC_CILCNMsfMax_2_C	1x1
DFES_DTCO.DFC_CILCNMsfMax_3_C	1x1
DFES_DTCO.DFC_CILCNMsfMaxSum_C	1x1
DFES_DTCO.DFC_CtT_C	1x1
DFES_DTCO.DFC_DCDCFltDet_C	1x1
DFES_DTCO.DFC_DFRMmax_C	1x1
DFES_DTCO.DFC_DFRMmin_C	1x1
DFES_DTCO.DFC_DKRSA_C	1x1
DFES_DTCO.DFC_DKVSmax_C	1x1
DFES_DTCO.DFC_DKnpl_C	1x1
DFES_DTCO.DFC_DSKVRmax_C	1x1
DFES_DTCO.DFC_DSKVRmin_C	1x1
DFES_DTCO.DFC_DSKVRnpl_C	1x1
DFES_DTCO.DFC_DSKVRsig_C	1x1
DFES_DTCO.DFC_DSKVSsig_C	1x1
DFES_DTCO.DFC_DSKVmax_C	1x1
DFES_DTCO.DFC_DSKVmin_C	1x1
DFES_DTCO.DFC_DSKVnpl_C	1x1
DFES_DTCO.DFC_DSLmax_C	1x1
DFES_DTCO.DFC_DSSmax_C	1x1
DFES_DTCO.DFC_DSTEmax_C	1x1
DFES_DTCO.DFC_DSTEmin_C	1x1
DFES_DTCO.DFC_DSTRmax_C	1x1
DFES_DTCO.DFC_DSTRmin_C	1x1
DFES_DTCO.DFC_DSTRnpl_C	1x1
DFES_DTCO.DFC_DSTRsig_C	1x1
DFES_DTCO.DFC_DSTTI_C	1x1
DFES_DTCO.DFC_DSTmax_C	1x1
DFES_DTCO.DFC_DSUmax_C	1x1
DFES_DTCO.DFC_EEPRdErr_C	1x1
DFES_DTCO.DFC_EEPWrErr_C	1x1
DFES_DTCO.DFC_EGFEmax_C	1x1
DFES_DTCO.DFC_EGFEmin_C	1x1
DFES_DTCO.DFC_EGSDUS2B1LtrDly_C	1x1
DFES_DTCO.DFC_EGSDUS2B1LtrPT1_C	1x1
DFES_DTCO.DFC_EGSDUS2B1RtlDly_C	1x1
DFES_DTCO.DFC_EGSDUS2B1RtlPT1_C	1x1
DFES_DTCO.DFC_EGSDUS2B1TarLean_C	1x1
DFES_DTCO.DFC_EGSDUS2B1TarRich_C	1x1
DFES_DTCO.DFC_EONVmax_C	1x1
DFES_DTCO.DFC_ETAKHLmax_C	1x1
DFES_DTCO.DFC_ETAKHTmax_C	1x1
DFES_DTCO.DFC_EngPrtOvrSpdMon_C	1x1
DFES_DTCO.DFC_EnvTMBCMax_C	1x1
DFES_DTCO.DFC_EnvTMBCMin_C	1x1
DFES_DTCO.DFC_EnvTPRCMax_C	1x1
DFES_DTCO.DFC_EnvTPRCMin_C	1x1

DFES_DTCO.DFC_EpmCaSl1ErrSig_C	1x1
DFES_DTCO.DFC_EpmCaSl1MntErr_C	1x1
DFES_DTCO.DFC_EpmCaSl1NoSigMax_C	1x1
DFES_DTCO.DFC_EpmCaSl1NoSigMin_C	1x1
DFES_DTCO.DFC_EpmCaSl1OfsErr_C	1x1
DFES_DTCO.DFC_EpmCaSO1ErrSig_C	1x1
DFES_DTCO.DFC_EpmCaSO1MntErr_C	1x1
DFES_DTCO.DFC_EpmCaSO1NoSigMax_C	1x1
DFES_DTCO.DFC_EpmCaSO1NoSigMin_C	1x1
DFES_DTCO.DFC_EpmCaSO1OfsErr_C	1x1
DFES_DTCO.DFC_EpmCrSDGl_C	1x1
DFES_DTCO.DFC_EpmCrSErrSig_C	1x1
DFES_DTCO.DFC_EpmCrSNoSig_C	1x1
DFES_DTCO.DFC_FRAmax_C	1x1
DFES_DTCO.DFC_FRAmin_C	1x1
DFES_DTCO.DFC_FSTEmax_C	1x1
DFES_DTCO.DFC_FSTEmin_C	1x1
DFES_DTCO.DFC_FSTRmax_C	1x1
DFES_DTCO.DFC_FSTRmin_C	1x1
DFES_DTCO.DFC_FSTRnpl_C	1x1
DFES_DTCO.DFC_FSTmax_C	1x1
DFES_DTCO.DFC_FTDLAmax_C	1x1
DFES_DTCO.DFC_FTDLAmin_C	1x1
DFES_DTCO.DFC_GEVlvLockPinDiagIntkB1_C	1x1
DFES_DTCO.DFC_GEVlvLockPinDiagOutlB1_C	1x1
DFES_DTCO.DFC_GEVlvPhaCsersExtdIntkB1_C	1x1
DFES_DTCO.DFC_GEVlvPhaCsersExtdOutlB1_C	1x1
DFES_DTCO.DFC_GEVlvPhaCsersIntkB1_C	1x1
DFES_DTCO.DFC_GEVlvPhaCsersOutlB1_C	1x1
DFES_DTCO.DFC_GEVlvPhaSlowIntkB1_C	1x1
DFES_DTCO.DFC_GEVlvPhaSlowOutlB1_C	1x1
DFES_DTCO.DFC_GEVlvPhaTargIntkB1_C	1x1
DFES_DTCO.DFC_GEVlvPhaTargOutlB1_C	1x1
DFES_DTCO.DFC_GbxRvsSwtStk_C	1x1
DFES_DTCO.DFC_HDRKHmax_C	1x1
DFES_DTCO.DFC_HDRKHmin_C	1x1
DFES_DTCO.DFC_HDRPLmax_C	1x1
DFES_DTCO.DFC_HDRPLmin_C	1x1
DFES_DTCO.DFC_HDRmax_C	1x1
DFES_DTCO.DFC_HDRmin_C	1x1
DFES_DTCO.DFC_HEGOS2B1ElecMax_C	1x1
DFES_DTCO.DFC_HEGOS2B1ElecMin_C	1x1
DFES_DTCO.DFC_HEGOS2B1ElecNpl_C	1x1
DFES_DTCO.DFC_HEGOS2B1ElecSig_C	1x1
DFES_DTCO.DFC_HEGOS2B1HtgNpl_C	1x1
DFES_DTCO.DFC_HEGOS2B1HtrPsMax_C	1x1
DFES_DTCO.DFC_HEGOS2B1HtrPsMin_C	1x1
DFES_DTCO.DFC_HEGOS2B1HtrPsSig_C	1x1
DFES_DTCO.DFC_HEV00max_C	1x1
DFES_DTCO.DFC_HEV01max_C	1x1
DFES_DTCO.DFC_HEV02max_C	1x1
DFES_DTCO.DFC_HEV03max_C	1x1
DFES_DTCO.DFC_HEVE0max_C	1x1
DFES_DTCO.DFC_HEVE1max_C	1x1
DFES_DTCO.DFC_HFM1Emax_C	1x1
DFES_DTCO.DFC_HFM1Emin_C	1x1
DFES_DTCO.DFC_HFM1Esig_C	1x1
DFES_DTCO.DFC_HFMEmax_C	1x1
DFES_DTCO.DFC_HFMRmax_C	1x1
DFES_DTCO.DFC_HFMRmin_C	1x1
DFES_DTCO.DFC_HFMRnpl_C	1x1
DFES_DTCO.DFC_HFMRsig_C	1x1
DFES_DTCO.DFC_HFMVmax_C	1x1
DFES_DTCO.DFC_HFMmax_C	1x1
DFES_DTCO.DFC_IVGdiCtlCvoErrMax_0_C	1x1
DFES_DTCO.DFC_IVGdiCtlCvoErrMax_1_C	1x1
DFES_DTCO.DFC_IVGdiCtlCvoErrMax_2_C	1x1
DFES_DTCO.DFC_IVGdiCtlCvoErrMax_3_C	1x1
DFES_DTCO.DFC_IVGdiCtlCvoErrMin_0_C	1x1
DFES_DTCO.DFC_IVGdiCtlCvoErrMin_1_C	1x1
DFES_DTCO.DFC_IVGdiCtlCvoErrMin_2_C	1x1
DFES_DTCO.DFC_IVGdiCtlCvoErrMin_3_C	1x1
DFES_DTCO.DFC_IVGdiCtlCvoErrMinMax_C	1x1
DFES_DTCO.DFC_IVGdiCtlCvoSigPlausErrSmrCdn_C	1x1
DFES_DTCO.DFC_IVGdiCtl_CvoErr_C	1x1
DFES_DTCO.DFC_IVGdiCtl_CvoSigPlaus_0_C	1x1
DFES_DTCO.DFC_IVGdiCtl_CvoSigPlaus_1_C	1x1
DFES_DTCO.DFC_IVGdiCtl_CvoSigPlaus_2_C	1x1
DFES_DTCO.DFC_IVGdiCtl_CvoSigPlaus_3_C	1x1
DFES_DTCO.DFC_IntkAirTAirFltDsCrssMax_C	1x1
DFES_DTCO.DFC_IntkAirTAirFltDsCrssMin_C	1x1
DFES_DTCO.DFC_IntkAirTAirFltDsHSCMax_C	1x1
DFES_DTCO.DFC_IntkAirTAirFltDsImps_C	1x1
DFES_DTCO.DFC_IntkAirTAirFltDsPRCMax_C	1x1
DFES_DTCO.DFC_IntkAirTAirFltDsPRCMin_C	1x1
DFES_DTCO.DFC_IntkAirTAirFltDsSRCMax_C	1x1
DFES_DTCO.DFC_IntkAirTAirFltDsSRCMin_C	1x1
DFES_DTCO.DFC_IntkAirTAirFltDsSTC_C	1x1
DFES_DTCO.DFC_IntkAirTIntkMnfldCrssMax_C	1x1
DFES_DTCO.DFC_IntkAirTIntkMnfldCrssMin_C	1x1
DFES_DTCO.DFC_IntkAirTIntkMnfldHSCMax_C	1x1
DFES_DTCO.DFC_IntkAirTIntkMnfldImps_C	1x1
DFES_DTCO.DFC_IntkAirTIntkMnfldPRCMax_C	1x1
DFES_DTCO.DFC_IntkAirTIntkMnfldPRCMin_C	1x1
DFES_DTCO.DFC_IntkAirTIntkMnfldSRCMax_C	1x1
DFES_DTCO.DFC_IntkAirTIntkMnfldSRCMin_C	1x1
DFES_DTCO.DFC_IntkAirTIntkMnfldSTC_C	1x1
DFES_DTCO.DFC_KRREGRLMX_C	1x1
DFES_DTCO.DFC_KRVEKOCVLCI_C	1x1

DFES_DTCO.DFC_KRVEKOENCHMT_C	1x1
DFES_DTCO.DFC_KRVEKORLMX_C	1x1
DFES_DTCO.DFC_KRVEKORLMXL_C	1x1
DFES_DTCO.DFC_KS1max_C	1x1
DFES_DTCO.DFC_KS1min_C	1x1
DFES_DTCO.DFC_LDRRmax_C	1x1
DFES_DTCO.DFC_LDRRmin_C	1x1
DFES_DTCO.DFC_LMmax_C	1x1
DFES_DTCO.DFC_LZSRnpl_C	1x1
DFES_DTCO.DFC_LamDynDiagS1B1_C	1x1
DFES_DTCO.DFC_LeakIntkMnfldEmiInfl_C	1x1
DFES_DTCO.DFC_MD_C	1x1
DFES_DTCO.DFC_MDBmax_C	1x1
DFES_DTCO.DFC_MDCatCrit_C	1x1
DFES_DTCO.DFC_MDCyl_0_C	1x1
DFES_DTCO.DFC_MDCyl_1_C	1x1
DFES_DTCO.DFC_MDCyl_2_C	1x1
DFES_DTCO.DFC_MDCyl_3_C	1x1
DFES_DTCO.DFC_MDFC_C	1x1
DFES_DTCO.DFC_MRlyErlyOpng_C	1x1
DFES_DTCO.DFC_MRlyErlyOpngRng_C	1x1
DFES_DTCO.DFC_MRlyStk_C	1x1
DFES_DTCO.DFC_MoCADCNTP_C	1x1
DFES_DTCO.DFC_MoCADCTst_C	1x1
DFES_DTCO.DFC_MoCComctErrMM_C	1x1
DFES_DTCO.DFC_MoFAPP_C	1x1
DFES_DTCO.DFC_MoFAirFilgPrdc_C	1x1
DFES_DTCO.DFC_MoFAirFlCtOff_C	1x1
DFES_DTCO.DFC_MoFAirFlCyl_C	1x1
DFES_DTCO.DFC_MoFESpd_C	1x1
DFES_DTCO.DFC_MoFGkc_C	1x1
DFES_DTCO.DFC_MoFICOL1_C	1x1
DFES_DTCO.DFC_MoFICOL2_C	1x1
DFES_DTCO.DFC_MoFModc_C	1x1
DFES_DTCO.DFC_MoFRlc_C	1x1
DFES_DTCO.DFC_MoFStrt_C	1x1
DFES_DTCO.DFC_MoFTrqCmp_C	1x1
DFES_DTCO.DFC_MoFZwc_C	1x1
DFES_DTCO.DFC_NWSAmax_C	1x1
DFES_DTCO.DFC_NWSEmax_C	1x1
DFES_DTCO.DFC_NWSmax_C	1x1
DFES_DTCO.DFC_OCWDAActv_C	1x1
DFES_DTCO.DFC_OCWDACom_C	1x1
DFES_DTCO.DFC_OCWDAOvrVltg_C	1x1
DFES_DTCO.DFC_ORAmax_C	1x1
DFES_DTCO.DFC_ORAmin_C	1x1
DFES_DTCO.DFC_OilPPlaus_C	1x1
DFES_DTCO.DFC_PLLSUmax_C	1x1
DFES_DTCO.DFC_PLLSUmin_C	1x1
DFES_DTCO.DFC_PSR1max_C	1x1
DFES_DTCO.DFC_PSRBmax_C	1x1
DFES_DTCO.DFC_PSRBmin_C	1x1
DFES_DTCO.DFC_PSRBnpl_C	1x1
DFES_DTCO.DFC_PSRBsig_C	1x1
DFES_DTCO.DFC_PSREmax_C	1x1
DFES_DTCO.DFC_PSREmin_C	1x1
DFES_DTCO.DFC_PSRPmax_C	1x1
DFES_DTCO.DFC_PSRPmin_C	1x1
DFES_DTCO.DFC_PSRPsig_C	1x1
DFES_DTCO.DFC_PSRmax_C	1x1
DFES_DTCO.DFC_PUmax_C	1x1
DFES_DTCO.DFC_PVD1max_C	1x1
DFES_DTCO.DFC_PVDEmax_C	1x1
DFES_DTCO.DFC_PVDEmin_C	1x1
DFES_DTCO.DFC_PVDRmax_C	1x1
DFES_DTCO.DFC_PVDRmin_C	1x1
DFES_DTCO.DFC_PVDRnpl_C	1x1
DFES_DTCO.DFC_PVDRsig_C	1x1
DFES_DTCO.DFC_PVDmax_C	1x1
DFES_DTCO.DFC_SRCHighAPP1_C	1x1
DFES_DTCO.DFC_SRCHighAPP2_C	1x1
DFES_DTCO.DFC_SRCLowAPP1_C	1x1
DFES_DTCO.DFC_SRCLowAPP2_C	1x1
DFES_DTCO.DFC_STATFUmax_C	1x1
DFES_DTCO.DFC_STATFUmin_C	1x1
DFES_DTCO.DFC_STATFUnpl_C	1x1
DFES_DTCO.DFC_STHDRmax_C	1x1
DFES_DTCO.DFC_SUVRnpl_C	1x1
DFES_DTCO.DFC_SUVmax_C	1x1
DFES_DTCO.DFC_SWReset_0_C	1x1
DFES_DTCO.DFC_SWReset_1_C	1x1
DFES_DTCO.DFC_SWReset_2_C	1x1
DFES_DTCO.DFC_StopCntTmr_C	1x1
DFES_DTCO.DFC_Stsys_trqshutoff_C	1x1
DFES_DTCO.DFC_SyncAPP_C	1x1
DFES_DTCO.DFC_TACSmax_Dummy_C	1x1
DFES_DTCO.DFC_TANKLnpl_C	1x1
DFES_DTCO.DFC_TANLESUMmax_Dummy_C	1x1
DFES_DTCO.DFC_TANLFmax_Dummy_C	1x1
DFES_DTCO.DFC_TARmax_Dummy_C	1x1
DFES_DTCO.DFC_TASRESUMmax_Dummy_C	1x1
DFES_DTCO.DFC_TASRmax_Dummy_C	1x1
DFES_DTCO.DFC_TAmax_Dummy_C	1x1
DFES_DTCO.DFC_TESFmax_C	1x1
DFES_DTCO.DFC_TESGmax_C	1x1
DFES_DTCO.DFC_TESKmax_C	1x1
DFES_DTCO.DFC_TESPL_C	1x1
DFES_DTCO.DFC_TESmax_C	1x1
DFES_DTCO.DFC_TESmin_C	1x1

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DFES_DTCO.DFC_TEVEmin_C	1x1
DFES_DTCO.DFC_TEVEsig_C	1x1
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DFES_DTCO.DFC_TKACSmin_C	1x1
DFES_DTCO.DFC_TKAEmax_C	1x1
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DFES_DTCO.DFC_TMmax_C	1x1
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DFES_DTCO.DFC_TUMmax_C	1x1
DFES_DTCO.DFC_TWCDPriCatB1_C	1x1
DFES_DTCO.DFC_ThrVlvClsdPosnFirstOffsLrnImpoB1_C	1x1
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DFES_DTCO.DFC_ThrVlvClsdPosnOffsLrnMaxB1_C	1x1
DFES_DTCO.DFC_ThrVlvClsdPosnOffsLrnMinB1_C	1x1
DFES_DTCO.DFC_ThrVlvCtrlDeB1_C	1x1
DFES_DTCO.DFC_ThrVlvDycB1_C	1x1
DFES_DTCO.DFC_ThrVlvLimpAirPosnMaxAbsltDriftB1_C	1x1
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DFES_DTCO.DFC_ThrVlvLimpAirPosnMaxRelDriftB1_C	1x1
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DFES_DTCO.DFC_ThrvlvSens1MinB1_C	1x1
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DFES_EnvRef.DFC_IgnClPsShCirGnd1_C	1x1
DFES_EnvRef.DFC_IgnClPsShCirGnd2_C	1x1
DFES_EnvRef.DFC_IgnClPsShCirGnd3_C	1x1
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DFES_EnvRef.DFC_KRVEKOEVAB2_C	1x1
DFES_EnvRef.DFC_KRVEKOEVAB3_C	1x1
DFES_EnvRef.DFC_MfPsNonPlausible_C	1x1
DFES_EnvRef.DFC_T50RetOL_C	1x1
DFES_EnvRef.DFC_T50RetSCB_C	1x1
DFES_EnvRef.DFC_T50SCB_C	1x1
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DFES_EnvRef.DFC_UEGOSCBS1B1_C	1x1
DFES_EnvRef.DFC_UEGOSCGS1B1_C	1x1
DFES_EnvRef.DFC_UEGOSPIS1B1_C	1x1
DFES_EnvRef.DFC_UEGOSnsrS1B1_C	1x1
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DFES_EnvRef.DFC_DevLibBattULo_C	1x1
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DFES_EnvRef.DFC_IntkAirTAirFltDsHSCMax_C	1x1
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DFES_EnvRef.DFC_IntkAirTAirFltDsPRCMin_C	1x1
DFES_EnvRef.DFC_IntkAirTAirFltDsSRCMax_C	1x1
DFES_EnvRef.DFC_IntkAirTAirFltDsSRCMin_C	1x1
DFES_EnvRef.DFC_IntkAirTAirFltDsSTC_C	1x1
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DFES_EnvRef.DFC_IntkAirTIntkMnfldCrssMin_C	1x1
DFES_EnvRef.DFC_IntkAirTIntkMnfldHSCMax_C	1x1

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DFES_FaultTyp.DFC_ComPCUChkSum_C	1x1
DFES_FaultTyp.DFC_ComPCURingCnt_C	1x1
DFES_FaultTyp.DFC_ComPCUTOut_C	1x1
DFES_FaultTyp.DFC_ComSRSAChksum_C	1x1
DFES_FaultTyp.DFC_ComSRSARingCnt_C	1x1
DFES_FaultTyp.DFC_ComSRSATOut_C	1x1
DFES_FaultTyp.DFC_ComSRSActive_C	1x1
DFES_FaultTyp.DFC_ComSRSBChksum_C	1x1
DFES_FaultTyp.DFC_ComSRSBRingCnt_C	1x1
DFES_FaultTyp.DFC_ComSRSBTOut_C	1x1
DFES_FaultTyp.DFC_ComSRSChksum_C	1x1
DFES_FaultTyp.DFC_ComSRSErr_C	1x1
DFES_FaultTyp.DFC_ComSRSRingCnt_C	1x1
DFES_FaultTyp.DFC_ComSRSTOut_C	1x1
DFES_FaultTyp.DFC_ComSWTCH1AlvCnt_C	1x1
DFES_FaultTyp.DFC_ComSWTCH1Chksum_C	1x1
DFES_FaultTyp.DFC_ComSWTCH1TOut_C	1x1
DFES_FaultTyp.DFC_ComTqCnvrSlipErr_C	1x1
DFES_FaultTyp.DFC_Cy150SpiCom_C	1x1
DFES_FaultTyp.DFC_Cy327SpiCom_C	1x1
DFES_FaultTyp.DFC_EbsChartcCurrErr_C	1x1
DFES_FaultTyp.DFC_EbsSelfDiagErr_C	1x1
DFES_FaultTyp.DFC_ElecLdSRCMax_C	1x1
DFES_FaultTyp.DFC_ElecLdSRCMin_C	1x1
DFES_FaultTyp.DFC_EnvTDef_C	1x1
DFES_FaultTyp.DFC_EnvTSig_C	1x1
DFES_FaultTyp.DFC_GEVlvPhaPsOpenLoadIntkB1_C	1x1
DFES_FaultTyp.DFC_GEVlvPhaPsOpenLoadOutlB1_C	1x1
DFES_FaultTyp.DFC_GEVlvPhaPsShoToBattIntkB1_C	1x1
DFES_FaultTyp.DFC_GEVlvPhaPsShoToBattOutlB1_C	1x1
DFES_FaultTyp.DFC_GEVlvPhaPsShoToGndIntkB1_C	1x1
DFES_FaultTyp.DFC_GEVlvPhaPsShoToGndOutlB1_C	1x1
DFES_FaultTyp.DFC_GbxAlvChk_C	1x1
DFES_FaultTyp.DFC_GbxNPos1SRCMax_C	1x1
DFES_FaultTyp.DFC_GbxNPos1SRCMin_C	1x1
DFES_FaultTyp.DFC_GbxNPos2SRCMax_C	1x1
DFES_FaultTyp.DFC_GbxNPos2SRCMin_C	1x1
DFES_FaultTyp.DFC_GbxNPosCorrIn_C	1x1
DFES_FaultTyp.DFC_GbxRevLckOL_C	1x1
DFES_FaultTyp.DFC_GbxRevLckOt_C	1x1
DFES_FaultTyp.DFC_GbxRevLckSCB_C	1x1
DFES_FaultTyp.DFC_GbxRevLckSCG_C	1x1
DFES_FaultTyp.DFC_GbxSleepErr_C	1x1
DFES_FaultTyp.DFC_GbxSpdPlausErr_C	1x1
DFES_FaultTyp.DFC_LinCSErrACG_C	1x1
DFES_FaultTyp.DFC_LinCSErrDCDC_C	1x1
DFES_FaultTyp.DFC_LinCSErrEBS_C	1x1
DFES_FaultTyp.DFC_LinFrameErrACG_C	1x1
DFES_FaultTyp.DFC_LinFrameErrDCDC_C	1x1
DFES_FaultTyp.DFC_LinFrameErrEBS_C	1x1
DFES_FaultTyp.DFC_LinHdrTimeoutErrACG_C	1x1
DFES_FaultTyp.DFC_LinHdrTimeoutErrDCDC_C	1x1
DFES_FaultTyp.DFC_LinHdrTimeoutErrEBS_C	1x1
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DFES_FaultTyp.DFC_LinMsgTimeoutErrDCDC_C	1x1
DFES_FaultTyp.DFC_LinMsgTimeoutErrEBS_C	1x1
DFES_FaultTyp.DFC_LinNoStrtComErr_C	1x1
DFES_FaultTyp.DFC_LinOverrunErrACG_C	1x1
DFES_FaultTyp.DFC_LinOverrunErrDCDC_C	1x1
DFES_FaultTyp.DFC_LinOverrunErrEBS_C	1x1
DFES_FaultTyp.DFC_LinParityErr_C	1x1
DFES_FaultTyp.DFC_LowPresOilP_C	1x1
DFES_FaultTyp.DFC_METCSum_C	1x1
DFES_FaultTyp.DFC_METctRing_C	1x1
DFES_FaultTyp.DFC_METtiDeb_C	1x1
DFES_FaultTyp.DFC_MisfDetdVWhlFrntLePlaus_C	1x1
DFES_FaultTyp.DFC_MisfDetdVWhlFrntRiPlaus_C	1x1

DFES_FaultTyp.DFC_MisfDetdVWhlReLePlaus_C	1x1
DFES_FaultTyp.DFC_MisfDetdVWhlReRiPlaus_C	1x1
DFES_FaultTyp.DFC_MonUMaxSupply1_C	1x1
DFES_FaultTyp.DFC_MonUMinSupply1_C	1x1
DFES_FaultTyp.DFC_OilAbnormErr_C	1x1
DFES_FaultTyp.DFC_OilErr_C	1x1
DFES_FaultTyp.DFC_PEnvSigRngMax_C	1x1
DFES_FaultTyp.DFC_PEnvSigRngMin_C	1x1
DFES_FaultTyp.DFC_Pmd_PeriMon_C	1x1
DFES_FaultTyp.DFC_SSpMon1_C	1x1
DFES_FaultTyp.DFC_SSpMon1OV_C	1x1
DFES_FaultTyp.DFC_SSpMon1SCG_C	1x1
DFES_FaultTyp.DFC_SSpMon1UV_C	1x1
DFES_FaultTyp.DFC_SSpMon2_C	1x1
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DFES_FaultTyp.DFC_SSpMon2SCG_C	1x1
DFES_FaultTyp.DFC_SSpMon2UV_C	1x1
DFES_FaultTyp.DFC_SSpMon3_C	1x1
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DFES_FaultTyp.DFC_SSpMon3UV_C	1x1
DFES_FaultTyp.DFC_StmFault_C	1x1
DFES_FaultTyp.DFC_StrtCtOffPth_C	1x1
DFES_FaultTyp.DFC_StrtCtlErr_C	1x1
DFES_FaultTyp.DFC_StrtFault_C	1x1
DFES_FaultTyp.DFC_StrtLckJudg1_C	1x1
DFES_FaultTyp.DFC_StrtLckJudg2_C	1x1
DFES_FaultTyp.DFC_StrtOL_C	1x1
DFES_FaultTyp.DFC_StrtOL2_C	1x1
DFES_FaultTyp.DFC_StrtSCB_C	1x1
DFES_FaultTyp.DFC_StrtSCB2_C	1x1
DFES_FaultTyp.DFC_StrtSCG_C	1x1
DFES_FaultTyp.DFC_StrtSCG2_C	1x1
DFES_FaultTyp.DFC_StrtStkRly1_C	1x1
DFES_FaultTyp.DFC_StrtStkRly2_C	1x1
DFES_FaultTyp.DFC_T50OL_C	1x1
DFES_FaultTyp.DFC_VehVAllPlaus_C	1x1
DFES_FaultTyp.DFC_VehVPlausCan_C	1x1
DFES_FaultTyp.DFC_VehVPlausFco_C	1x1
DFES_FaultTyp.DFC_VehVPlausPwr_C	1x1
DFES_FaultTyp.DFC_VehVPlausV2N_C	1x1
DFES_FaultTyp.DFC_ClthMax_C	1x1
DFES_FaultTyp.DFC_IgnClPsDevIdentErr1_C	1x1
DFES_FaultTyp.DFC_IgnClPsDevSpiErr1_C	1x1
DFES_FaultTyp.DFC_IgnClPsOpenLoad0_C	1x1
DFES_FaultTyp.DFC_IgnClPsOpenLoad1_C	1x1
DFES_FaultTyp.DFC_IgnClPsOpenLoad2_C	1x1
DFES_FaultTyp.DFC_IgnClPsOpenLoad3_C	1x1
DFES_FaultTyp.DFC_IgnClPsShCirBatt0_C	1x1
DFES_FaultTyp.DFC_IgnClPsShCirBatt1_C	1x1
DFES_FaultTyp.DFC_IgnClPsShCirBatt2_C	1x1
DFES_FaultTyp.DFC_IgnClPsShCirBatt3_C	1x1
DFES_FaultTyp.DFC_IgnClPsShCirGnd0_C	1x1
DFES_FaultTyp.DFC_IgnClPsShCirGnd1_C	1x1
DFES_FaultTyp.DFC_IgnClPsShCirGnd2_C	1x1
DFES_FaultTyp.DFC_IgnClPsShCirGnd3_C	1x1
DFES_FaultTyp.DFC_KRVEKOEVAB_C	1x1
DFES_FaultTyp.DFC_KRVEKOEVAB0_C	1x1
DFES_FaultTyp.DFC_KRVEKOEVAB1_C	1x1
DFES_FaultTyp.DFC_KRVEKOEVAB2_C	1x1
DFES_FaultTyp.DFC_KRVEKOEVAB3_C	1x1
DFES_FaultTyp.DFC_MfPsNonPlausible_C	1x1
DFES_FaultTyp.DFC_T50RetOL_C	1x1
DFES_FaultTyp.DFC_T50RetSCB_C	1x1
DFES_FaultTyp.DFC_T50SCB_C	1x1
DFES_FaultTyp.DFC_UEGOASlCS1B1_C	1x1
DFES_FaultTyp.DFC_UEGOOLIPES1B1_C	1x1
DFES_FaultTyp.DFC_UEGOOLRES1B1_C	1x1
DFES_FaultTyp.DFC_UEGOSCBS1B1_C	1x1
DFES_FaultTyp.DFC_UEGOSCGS1B1_C	1x1
DFES_FaultTyp.DFC_UEGOSPlS1B1_C	1x1
DFES_FaultTyp.DFC_UEGOSnsrS1B1_C	1x1
DFES_FaultTyp.DFC_UegoOlApesS1B1_C	1x1
DFES_FaultTyp.DFC_UegoOlRCmpS1B1_C	1x1
DFES_FaultTyp.DFC_AirCCmprOL_C	1x1
DFES_FaultTyp.DFC_AirCCmprOvrTemp_C	1x1
DFES_FaultTyp.DFC_AirCCmprSCB_C	1x1
DFES_FaultTyp.DFC_AirCCmprSCG_C	1x1
DFES_FaultTyp.DFC_AltErr_C	1x1
DFES_FaultTyp.DFC_BattUSRCMax_C	1x1
DFES_FaultTyp.DFC_BattUSRCMin_C	1x1
DFES_FaultTyp.DFC_DevLibBattUHi_C	1x1
DFES_FaultTyp.DFC_DevLibBattULo_C	1x1
DFES_FaultTyp.DFC_FanDlOOL_0_C	1x1
DFES_FaultTyp.DFC_FanDlOOL_1_C	1x1
DFES_FaultTyp.DFC_FanDlOOvrTemp_0_C	1x1
DFES_FaultTyp.DFC_FanDlOOvrTemp_1_C	1x1
DFES_FaultTyp.DFC_FanDlOSCB_0_C	1x1
DFES_FaultTyp.DFC_FanDlOSCB_1_C	1x1
DFES_FaultTyp.DFC_FanDlOSCG_0_C	1x1
DFES_FaultTyp.DFC_FanDlOSCG_1_C	1x1
DFES_FaultTyp.DFC_PSPOL_C	1x1
DFES_FaultTyp.DFC_PSPOvrTemp_C	1x1
DFES_FaultTyp.DFC_PSPSCB_C	1x1
DFES_FaultTyp.DFC_PSPSCG_C	1x1
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DFES_FaultTyp.DFC_VehVSclOutOT_C	1x1
DFES_FaultTyp.DFC_VehVSclOutSCB_C	1x1
DFES_FaultTyp.DFC_VehVSclOutSCG_C	1x1

DFES_FaultTyp.DFC_VehVSigFL_C	1x1
DFES_FaultTyp.DFC_VehVSigFR_C	1x1
DFES_FaultTyp.DFC_VehVSigRL_C	1x1
DFES_FaultTyp.DFC_VehVSigRR_C	1x1
DFES_FaultTyp.DFC_VlvLftFbSwtExh11SpclFail_C	1x1
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DFES_FaultTyp.DFC_DHFHD_C	1x1
DFES_FaultTyp.DFC_InjVlv_DI_NoLd_0_C	1x1
DFES_FaultTyp.DFC_InjVlv_DI_NoLd_1_C	1x1
DFES_FaultTyp.DFC_InjVlv_DI_NoLd_2_C	1x1
DFES_FaultTyp.DFC_InjVlv_DI_NoLd_3_C	1x1
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DFES_FaultTyp.DFC_InjVlv_DI_ScHsLs_1_C	1x1
DFES_FaultTyp.DFC_InjVlv_DI_ScHsLs_2_C	1x1
DFES_FaultTyp.DFC_InjVlv_DI_ScHsLs_3_C	1x1
DFES_FaultTyp.DFC_MfPsDiaOpenLoad1_C	1x1
DFES_FaultTyp.DFC_MfPsDiaScHiS1_C	1x1
DFES_FaultTyp.DFC_MfPsDiaScHiSLowS1_C	1x1
DFES_FaultTyp.DFC_MfPsDiaScLowS1_C	1x1
DFES_FaultTyp.DFC_MfPsOpenLoad_C	1x1
DFES_FaultTyp.DFC_MfPsShCirBattLowSide_C	1x1
DFES_FaultTyp.DFC_MfPsShCirGndLowSide_C	1x1
DFES_FaultTyp.DFC_ACEvpTPhysRngHi_C	1x1
DFES_FaultTyp.DFC_ACEvpTPhysRngLo_C	1x1
DFES_FaultTyp.DFC_ACEvpTSRCMax_C	1x1
DFES_FaultTyp.DFC_ACEvpTSRCMin_C	1x1
DFES_FaultTyp.DFC_AirCClntPAnaSRCMax_C	1x1
DFES_FaultTyp.DFC_AirCClntPAnaSRCMin_C	1x1
DFES_FaultTyp.DFC_AirCSwtNpl_C	1x1
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DFES_FaultTyp.DFC_BrkBstSensSCB_C	1x1
DFES_FaultTyp.DFC_BrkBstSensSCG_C	1x1
DFES_FaultTyp.DFC_BrkPPhysRngHi_C	1x1
DFES_FaultTyp.DFC_BrkPPhysRngLo_C	1x1
DFES_FaultTyp.DFC_BrkSig_C	1x1
DFES_FaultTyp.DFC_ClthSig_C	1x1
DFES_FaultTyp.DFC_EngSpdOL_C	1x1
DFES_FaultTyp.DFC_EngSpdOT_C	1x1
DFES_FaultTyp.DFC_EngSpdSCB_C	1x1
DFES_FaultTyp.DFC_EngSpdSCG_C	1x1
DFES_FaultTyp.DFC_GbxNPosSig_C	1x1
DFES_FaultTyp.DFC_HLSDemOvhtEngLim_C	1x1
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DFES_FaultTyp.DFC_OilPSwmpSRCMin_C	1x1
DFES_FaultTyp.DFC_VehVPhysRngHi_C	1x1
DFES_FaultTyp.DFC_VehVPhysRngLo_C	1x1
DFES_FaultTyp.DFC_VehVSigCan_C	1x1
DFES_FaultTyp.DFC_VehVSigCanSafe_C	1x1
DFES_FaultTyp.DFC_ClthNpl_C	1x1
DFES_FaultTyp.DFC_MRlySCG_C	1x1
DFES_FaultTyp.DFC_MisfDetVWhlFrntLeOORHi_C	1x1
DFES_FaultTyp.DFC_MisfDetVWhlFrntLeRatyHi_C	1x1
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DFES_FaultTyp.DFC_MisfDetVWhlFrntLeStuck_C	1x1
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DFES_FaultTyp.DFC_MisfDetVWhlFrntRiRatyHi_C	1x1
DFES_FaultTyp.DFC_MisfDetVWhlFrntRiRatyLo_C	1x1
DFES_FaultTyp.DFC_MisfDetVWhlFrntRiStuck_C	1x1
DFES_FaultTyp.DFC_MisfDetVWhlReLeOORHi_C	1x1
DFES_FaultTyp.DFC_MisfDetVWhlReLeRatyHi_C	1x1
DFES_FaultTyp.DFC_MisfDetVWhlReLeRatyLo_C	1x1
DFES_FaultTyp.DFC_MisfDetVWhlReLeStuck_C	1x1
DFES_FaultTyp.DFC_MisfDetVWhlReRiOORHi_C	1x1
DFES_FaultTyp.DFC_MisfDetVWhlReRiRatyHi_C	1x1
DFES_FaultTyp.DFC_MisfDetVWhlReRiRatyLo_C	1x1
DFES_FaultTyp.DFC_MisfDetVWhlReRiStuck_C	1x1
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DFES_FaultTyp.DFC_PEnvPlausMax_C	1x1
DFES_FaultTyp.DFC_PEnvPlausMin_C	1x1
DFES_FaultTyp.DFC_PEnvRngChkMax_C	1x1
DFES_FaultTyp.DFC_PEnvRngChkMin_C	1x1
DFES_FaultTyp.DFC_PEnvSnsrPlaus_C	1x1
DFES_FaultTyp.DFC_UEGOHeatrPsS1B1Max_C	1x1
DFES_FaultTyp.DFC_UEGOHeatrPsS1B1Min_C	1x1
DFES_FaultTyp.DFC_UEGOHeatrPsS1B1Sig_C	1x1
DFES_FaultTyp.DFC_UEGOHeatrRlyPsOLS1B1_C	1x1
DFES_FaultTyp.DFC_UEGOHeatrRlyPsSCBS1B1_C	1x1
DFES_FaultTyp.DFC_UEGOHeatrRlyPsSCGS1B1_C	1x1
DFES_FaultTyp.DFC_KnDetSens1PortAMax_C	1x1
DFES_FaultTyp.DFC_KnDetSens1PortAMin_C	1x1
DFES_FaultTyp.DFC_KnDetSens1PortBMax_C	1x1
DFES_FaultTyp.DFC_KnDetSens1PortBMin_C	1x1
DFES_FaultTyp.DFC_AFIMRAWZlean_0_C	1x1
DFES_FaultTyp.DFC_AFIMRAWZlean_1_C	1x1
DFES_FaultTyp.DFC_AFIMRAWZlean_2_C	1x1
DFES_FaultTyp.DFC_AFIMRAWZlean_3_C	1x1
DFES_FaultTyp.DFC_AFIMRAWZrich_0_C	1x1
DFES_FaultTyp.DFC_AFIMRAWZrich_1_C	1x1
DFES_FaultTyp.DFC_AFIMRAWZrich_2_C	1x1

DFES_FaultTyp.DFC_AFIMRAWZrich_3_C	1x1
DFES_FaultTyp.DFC_AFIMRAWlean_C	1x1
DFES_FaultTyp.DFC_AFIMRAWrich_C	1x1
DFES_FaultTyp.DFC_AFIMZlean_0_C	1x1
DFES_FaultTyp.DFC_AFIMZlean_1_C	1x1
DFES_FaultTyp.DFC_AFIMZlean_2_C	1x1
DFES_FaultTyp.DFC_AFIMZlean_3_C	1x1
DFES_FaultTyp.DFC_AFIMZrich_0_C	1x1
DFES_FaultTyp.DFC_AFIMZrich_1_C	1x1
DFES_FaultTyp.DFC_AFIMZrich_2_C	1x1
DFES_FaultTyp.DFC_AFIMZrich_3_C	1x1
DFES_FaultTyp.DFC_AFIMlean_C	1x1
DFES_FaultTyp.DFC_AFIMrich_C	1x1
DFES_FaultTyp.DFC_Clth2ONStuck_C	1x1
DFES_FaultTyp.DFC_Clth2ONStuckLdc_C	1x1
DFES_FaultTyp.DFC_Clth3ONStuckLdc_C	1x1
DFES_FaultTyp.DFC_Clth3ONStuckPostDrv_C	1x1
DFES_FaultTyp.DFC_Clth4ONStuck_C	1x1
DFES_FaultTyp.DFC_Clth4ONStuckLdc_C	1x1
DFES_FaultTyp.DFC_DSTDmax_C	1x1
DFES_FaultTyp.DFC_DYLSUmin_C	1x1
DFES_FaultTyp.DFC_EEPEraseErr_C	1x1
DFES_FaultTyp.DFC_EbsSocFlt_C	1x1
DFES_FaultTyp.DFC_EepShdw_C	1x1
DFES_FaultTyp.DFC_EngPrtTMFWShOff_C	1x1
DFES_FaultTyp.DFC_I14229VINErr_C	1x1
DFES_FaultTyp.DFC_InjCatHeatgErr_C	1x1
DFES_FaultTyp.DFC_LLRHmax_C	1x1
DFES_FaultTyp.DFC_LLRHmin_C	1x1
DFES_FaultTyp.DFC_LLRHnpl_C	1x1
DFES_FaultTyp.DFC_LLRKHmax_C	1x1
DFES_FaultTyp.DFC_LLRKHmin_C	1x1
DFES_FaultTyp.DFC_LLRKHnpl_C	1x1
DFES_FaultTyp.DFC_OilPlausErr_C	1x1
DFES_FaultTyp.DFC_RoughRoad_C	1x1
DFES_FaultTyp.DFC_SiaEEPRdErr_C	1x1
DFES_FaultTyp.DFC_SiaEEPWrngCod_C	1x1
DFES_FaultTyp.DFC_Tprot_Rttp_Err_C	1x1
DFES_FaultTyp.DFC_UegoDummy_C	1x1
DFES_FaultTyp.DFC_VehVMax_C	1x1
DFES_FaultTyp.DFC_VehVPlaus_C	1x1
DFES_FaultTyp.DFC_AAVEmax_C	1x1
DFES_FaultTyp.DFC_AAVEmin_C	1x1
DFES_FaultTyp.DFC_AAVEsig_C	1x1
DFES_FaultTyp.DFC_AAVmin_C	1x1
DFES_FaultTyp.DFC_BBKRnldg_C	1x1
DFES_FaultTyp.DFC_BBKRsyne_C	1x1
DFES_FaultTyp.DFC_BigLeakIntkMnfldEmiInfl_C	1x1
DFES_FaultTyp.DFC_BrkMnSwtContOnWarnLmp_C	1x1
DFES_FaultTyp.DFC_BrkMnSwtNotStpWarnLmp_C	1x1
DFES_FaultTyp.DFC_BrkRdntSwtContOnWarnLmp_C	1x1
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DFES_FaultTyp.DFC_BrkRdntSwtNotStpWarnLmp_C	1x1
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DFES_FaultTyp.DFC_CEngDsTColdStrtMin_C	1x1
DFES_FaultTyp.DFC_CEngDsTImps_C	1x1
DFES_FaultTyp.DFC_CEngDsTPlausHSC_C	1x1
DFES_FaultTyp.DFC_CEngDsTPlausLSC_C	1x1
DFES_FaultTyp.DFC_CEngDsTPlausSTC_C	1x1
DFES_FaultTyp.DFC_CEngDsTSRCMax_C	1x1
DFES_FaultTyp.DFC_CEngDsTSRCMin_C	1x1
DFES_FaultTyp.DFC_CEngDsTSig_C	1x1
DFES_FaultTyp.DFC_CEngUsTSRCMax_C	1x1
DFES_FaultTyp.DFC_CEngUsTSRCMin_C	1x1
DFES_FaultTyp.DFC_CFCmax_C	1x1
DFES_FaultTyp.DFC_CILCNMsfMax_0_C	1x1
DFES_FaultTyp.DFC_CILCNMsfMax_1_C	1x1
DFES_FaultTyp.DFC_CILCNMsfMax_2_C	1x1
DFES_FaultTyp.DFC_CILCNMsfMax_3_C	1x1
DFES_FaultTyp.DFC_CILCNMsfMaxSum_C	1x1
DFES_FaultTyp.DFC_CtT_C	1x1
DFES_FaultTyp.DFC_DCDCFltDet_C	1x1
DFES_FaultTyp.DFC_DFRMmax_C	1x1
DFES_FaultTyp.DFC_DFRMmin_C	1x1
DFES_FaultTyp.DFC_DKRSA_C	1x1
DFES_FaultTyp.DFC_DKVSmax_C	1x1
DFES_FaultTyp.DFC_DKnpl_C	1x1
DFES_FaultTyp.DFC_DSKVRmax_C	1x1
DFES_FaultTyp.DFC_DSKVRmin_C	1x1
DFES_FaultTyp.DFC_DSKVRnpl_C	1x1
DFES_FaultTyp.DFC_DSKVRsig_C	1x1
DFES_FaultTyp.DFC_DSKVSsig_C	1x1
DFES_FaultTyp.DFC_DSKVmax_C	1x1
DFES_FaultTyp.DFC_DSKVmin_C	1x1
DFES_FaultTyp.DFC_DSKVnpl_C	1x1
DFES_FaultTyp.DFC_DSLmax_C	1x1
DFES_FaultTyp.DFC_DSSmax_C	1x1
DFES_FaultTyp.DFC_DSTEmax_C	1x1
DFES_FaultTyp.DFC_DSTEmin_C	1x1
DFES_FaultTyp.DFC_DSTRmax_C	1x1
DFES_FaultTyp.DFC_DSTRmin_C	1x1
DFES_FaultTyp.DFC_DSTRnpl_C	1x1
DFES_FaultTyp.DFC_DSTRsig_C	1x1
DFES_FaultTyp.DFC_DSTTI_C	1x1
DFES_FaultTyp.DFC_DSTmax_C	1x1
DFES_FaultTyp.DFC_DSUmax_C	1x1
DFES_FaultTyp.DFC_EEPRdErr_C	1x1
DFES_FaultTyp.DFC_EEPWrErr_C	1x1
DFES_FaultTyp.DFC_EGFEmax_C	1x1
DFES_FaultTyp.DFC_EGFEmin_C	1x1

DFES_FaultTyp.DFC_EGSDUS2B1LtrDly_C	1x1
DFES_FaultTyp.DFC_EGSDUS2B1LtrPT1_C	1x1
DFES_FaultTyp.DFC_EGSDUS2B1RtlDly_C	1x1
DFES_FaultTyp.DFC_EGSDUS2B1RtlPT1_C	1x1
DFES_FaultTyp.DFC_EGSDUS2B1TarLean_C	1x1
DFES_FaultTyp.DFC_EGSDUS2B1TarRich_C	1x1
DFES_FaultTyp.DFC_EONVmax_C	1x1
DFES_FaultTyp.DFC_ETAKHLmax_C	1x1
DFES_FaultTyp.DFC_ETAKHTmax_C	1x1
DFES_FaultTyp.DFC_EngPrtOvrSpdMon_C	1x1
DFES_FaultTyp.DFC_EnvTMBCMax_C	1x1
DFES_FaultTyp.DFC_EnvTMBCMin_C	1x1
DFES_FaultTyp.DFC_EnvTPRCMax_C	1x1
DFES_FaultTyp.DFC_EnvTPRCMin_C	1x1
DFES_FaultTyp.DFC_EpmCaSl1ErrSig_C	1x1
DFES_FaultTyp.DFC_EpmCaSl1MntErr_C	1x1
DFES_FaultTyp.DFC_EpmCaSl1NoSigMax_C	1x1
DFES_FaultTyp.DFC_EpmCaSl1NoSigMin_C	1x1
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DFES_FaultTyp.DFC_EpmCaSO1ErrSig_C	1x1
DFES_FaultTyp.DFC_EpmCaSO1MntErr_C	1x1
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DFES_FaultTyp.DFC_EpmCrSErrSig_C	1x1
DFES_FaultTyp.DFC_EpmCrSNoSig_C	1x1
DFES_FaultTyp.DFC_FRAmax_C	1x1
DFES_FaultTyp.DFC_FRAmin_C	1x1
DFES_FaultTyp.DFC_FSTEmax_C	1x1
DFES_FaultTyp.DFC_FSTEmin_C	1x1
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DFES_FaultTyp.DFC_GEVlvLockPinDiagIntkB1_C	1x1
DFES_FaultTyp.DFC_GEVlvLockPinDiagOutlB1_C	1x1
DFES_FaultTyp.DFC_GEVlvPhaCsersExtdIntkB1_C	1x1
DFES_FaultTyp.DFC_GEVlvPhaCsersExtdOutlB1_C	1x1
DFES_FaultTyp.DFC_GEVlvPhaCsersIntkB1_C	1x1
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DFES_FaultTyp.DFC_GbxRvsSwtStk_C	1x1
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DFES_FaultTyp.DFC_HDRKHmin_C	1x1
DFES_FaultTyp.DFC_HDRPLmax_C	1x1
DFES_FaultTyp.DFC_HDRPLmin_C	1x1
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DFES_FaultTyp.DFC_HEGOS2B1HtrPsSig_C	1x1
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DFES_FaultTyp.DFC_HEV02max_C	1x1
DFES_FaultTyp.DFC_HEV03max_C	1x1
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DFES_FaultTyp.DFC_HEVE1max_C	1x1
DFES_FaultTyp.DFC_HFM1Emax_C	1x1
DFES_FaultTyp.DFC_HFM1Emin_C	1x1
DFES_FaultTyp.DFC_HFM1Esig_C	1x1
DFES_FaultTyp.DFC_HFMEmax_C	1x1
DFES_FaultTyp.DFC_HFMRmax_C	1x1
DFES_FaultTyp.DFC_HFMRmin_C	1x1
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DFES_FaultTyp.DFC_HFMmax_C	1x1
DFES_FaultTyp.DFC_IVGdiCtlCvoErrMax_0_C	1x1
DFES_FaultTyp.DFC_IVGdiCtlCvoErrMax_1_C	1x1
DFES_FaultTyp.DFC_IVGdiCtlCvoErrMax_2_C	1x1
DFES_FaultTyp.DFC_IVGdiCtlCvoErrMax_3_C	1x1
DFES_FaultTyp.DFC_IVGdiCtlCvoErrMin_0_C	1x1
DFES_FaultTyp.DFC_IVGdiCtlCvoErrMin_1_C	1x1
DFES_FaultTyp.DFC_IVGdiCtlCvoErrMin_2_C	1x1
DFES_FaultTyp.DFC_IVGdiCtlCvoErrMin_3_C	1x1
DFES_FaultTyp.DFC_IVGdiCtlCvoErrMinMax_C	1x1
DFES_FaultTyp.DFC_IVGdiCtlCvoSigPlausErrSmrCdn_C	1x1
DFES_FaultTyp.DFC_IVGdiCtl_CvoErr_C	1x1
DFES_FaultTyp.DFC_IVGdiCtl_CvoSigPlaus_0_C	1x1
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DFES_FaultTyp.DFC_IVGdiCtl_CvoSigPlaus_3_C	1x1
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DFES_FaultTyp.DFC_IntkAirTAirFltDsCrssMin_C	1x1
DFES_FaultTyp.DFC_IntkAirTAirFltDsHSCMax_C	1x1
DFES_FaultTyp.DFC_IntkAirTAirFltDsImps_C	1x1
DFES_FaultTyp.DFC_IntkAirTAirFltDsPRCMax_C	1x1
DFES_FaultTyp.DFC_IntkAirTAirFltDsPRCMin_C	1x1

DFES_FaultTyp.DFC_IntkAirTAirFltDsSRCMax_C	1x1
DFES_FaultTyp.DFC_IntkAirTAirFltDsSRCMin_C	1x1
DFES_FaultTyp.DFC_IntkAirTAirFltDsSTC_C	1x1
DFES_FaultTyp.DFC_IntkAirTIntkMnfldCrssMax_C	1x1
DFES_FaultTyp.DFC_IntkAirTIntkMnfldCrssMin_C	1x1
DFES_FaultTyp.DFC_IntkAirTIntkMnfldHSCMax_C	1x1
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DFES_FaultTyp.DFC_KRVEKOENCHMT_C	1x1
DFES_FaultTyp.DFC_KRVEKORLMX_C	1x1
DFES_FaultTyp.DFC_KRVEKORLMXL_C	1x1
DFES_FaultTyp.DFC_KS1max_C	1x1
DFES_FaultTyp.DFC_KS1min_C	1x1
DFES_FaultTyp.DFC_LDRRmax_C	1x1
DFES_FaultTyp.DFC_LDRRmin_C	1x1
DFES_FaultTyp.DFC_LMmax_C	1x1
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DFES_FaultTyp.DFC_LamDynDiagS1B1_C	1x1
DFES_FaultTyp.DFC_LeakIntkMnfldEmiInfl_C	1x1
DFES_FaultTyp.DFC_MD_C	1x1
DFES_FaultTyp.DFC_MDBmax_C	1x1
DFES_FaultTyp.DFC_MDCatCrit_C	1x1
DFES_FaultTyp.DFC_MDCyl_0_C	1x1
DFES_FaultTyp.DFC_MDCyl_1_C	1x1
DFES_FaultTyp.DFC_MDCyl_2_C	1x1
DFES_FaultTyp.DFC_MDCyl_3_C	1x1
DFES_FaultTyp.DFC_MDFC_C	1x1
DFES_FaultTyp.DFC_MRlyErlyOpng_C	1x1
DFES_FaultTyp.DFC_MRlyErlyOpngRng_C	1x1
DFES_FaultTyp.DFC_MRlyStk_C	1x1
DFES_FaultTyp.DFC_MoCADCNTP_C	1x1
DFES_FaultTyp.DFC_MoCADCTst_C	1x1
DFES_FaultTyp.DFC_MoCComctErrMM_C	1x1
DFES_FaultTyp.DFC_MoFAPP_C	1x1
DFES_FaultTyp.DFC_MoFAirFilgPrdc_C	1x1
DFES_FaultTyp.DFC_MoFAirFlCtOff_C	1x1
DFES_FaultTyp.DFC_MoFAirFlCyl_C	1x1
DFES_FaultTyp.DFC_MoFESpd_C	1x1
DFES_FaultTyp.DFC_MoFGkc_C	1x1
DFES_FaultTyp.DFC_MoFICOL1_C	1x1
DFES_FaultTyp.DFC_MoFICOL2_C	1x1
DFES_FaultTyp.DFC_MoFModc_C	1x1
DFES_FaultTyp.DFC_MoFRlc_C	1x1
DFES_FaultTyp.DFC_MoFStrt_C	1x1
DFES_FaultTyp.DFC_MoFTrqCmp_C	1x1
DFES_FaultTyp.DFC_MoFZwc_C	1x1
DFES_FaultTyp.DFC_NWSAmax_C	1x1
DFES_FaultTyp.DFC_NWSEmax_C	1x1
DFES_FaultTyp.DFC_NWSmax_C	1x1
DFES_FaultTyp.DFC_OCWDAActv_C	1x1
DFES_FaultTyp.DFC_OCWDACom_C	1x1
DFES_FaultTyp.DFC_OCWDAOvrVltg_C	1x1
DFES_FaultTyp.DFC_ORAmax_C	1x1
DFES_FaultTyp.DFC_ORAmin_C	1x1
DFES_FaultTyp.DFC_OilPPlaus_C	1x1
DFES_FaultTyp.DFC_PLLSUmax_C	1x1
DFES_FaultTyp.DFC_PLLSUmin_C	1x1
DFES_FaultTyp.DFC_PSR1max_C	1x1
DFES_FaultTyp.DFC_PSRBmax_C	1x1
DFES_FaultTyp.DFC_PSRBmin_C	1x1
DFES_FaultTyp.DFC_PSRBnpl_C	1x1
DFES_FaultTyp.DFC_PSRBsig_C	1x1
DFES_FaultTyp.DFC_PSREmax_C	1x1
DFES_FaultTyp.DFC_PSREmin_C	1x1
DFES_FaultTyp.DFC_PSRPmax_C	1x1
DFES_FaultTyp.DFC_PSRPmin_C	1x1
DFES_FaultTyp.DFC_PSRPsig_C	1x1
DFES_FaultTyp.DFC_PSRmax_C	1x1
DFES_FaultTyp.DFC_PUmax_C	1x1
DFES_FaultTyp.DFC_PVD1max_C	1x1
DFES_FaultTyp.DFC_PVDEmax_C	1x1
DFES_FaultTyp.DFC_PVDEmin_C	1x1
DFES_FaultTyp.DFC_PVDRmax_C	1x1
DFES_FaultTyp.DFC_PVDRmin_C	1x1
DFES_FaultTyp.DFC_PVDRnpl_C	1x1
DFES_FaultTyp.DFC_PVDRsig_C	1x1
DFES_FaultTyp.DFC_PVDmax_C	1x1
DFES_FaultTyp.DFC_SRCHighAPP1_C	1x1
DFES_FaultTyp.DFC_SRCHighAPP2_C	1x1
DFES_FaultTyp.DFC_SRCLowAPP1_C	1x1
DFES_FaultTyp.DFC_SRCLowAPP2_C	1x1
DFES_FaultTyp.DFC_STATFUmax_C	1x1
DFES_FaultTyp.DFC_STATFUmin_C	1x1
DFES_FaultTyp.DFC_STATFUnpl_C	1x1
DFES_FaultTyp.DFC_STHDRmax_C	1x1
DFES_FaultTyp.DFC_SUVRnpl_C	1x1
DFES_FaultTyp.DFC_SUVmax_C	1x1
DFES_FaultTyp.DFC_SWReset_0_C	1x1
DFES_FaultTyp.DFC_SWReset_1_C	1x1
DFES_FaultTyp.DFC_SWReset_2_C	1x1
DFES_FaultTyp.DFC_StopCntTmr_C	1x1
DFES_FaultTyp.DFC_Stsys_trqshutoff_C	1x1
DFES_FaultTyp.DFC_SyncAPP_C	1x1

DFES_FaultTyp.DFC_TACSmax_Dummy_C	1x1
DFES_FaultTyp.DFC_TANKLnpl_C	1x1
DFES_FaultTyp.DFC_TANLESUMmax_Dummy_C	1x1
DFES_FaultTyp.DFC_TANLFmax_Dummy_C	1x1
DFES_FaultTyp.DFC_TARmax_Dummy_C	1x1
DFES_FaultTyp.DFC_TASRESUMmax_Dummy_C	1x1
DFES_FaultTyp.DFC_TASRmax_Dummy_C	1x1
DFES_FaultTyp.DFC_TAmax_Dummy_C	1x1
DFES_FaultTyp.DFC_TESFmax_C	1x1
DFES_FaultTyp.DFC_TESGmax_C	1x1
DFES_FaultTyp.DFC_TESKmax_C	1x1
DFES_FaultTyp.DFC_TESPL_C	1x1
DFES_FaultTyp.DFC_TESmax_C	1x1
DFES_FaultTyp.DFC_TESmin_C	1x1
DFES_FaultTyp.DFC_TEVEmax_C	1x1
DFES_FaultTyp.DFC_TEVEmin_C	1x1
DFES_FaultTyp.DFC_TEVEsig_C	1x1
DFES_FaultTyp.DFC_TKACSmax_C	1x1
DFES_FaultTyp.DFC_TKACSmin_C	1x1
DFES_FaultTyp.DFC_TKAEmax_C	1x1
DFES_FaultTyp.DFC_TKAEmin_C	1x1
DFES_FaultTyp.DFC_TKARmax_C	1x1
DFES_FaultTyp.DFC_TKARnpl_C	1x1
DFES_FaultTyp.DFC_TMmax_C	1x1
DFES_FaultTyp.DFC_TUMPmax_C	1x1
DFES_FaultTyp.DFC_TUMmax_C	1x1
DFES_FaultTyp.DFC_TWCDPriCatB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvClsdPosnFirstOffsLrnImpoB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvClsdPosnOffsLrnImpoB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvClsdPosnOffsLrnMaxB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvClsdPosnOffsLrnMinB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvCtrlDeB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvDycB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvLimpAirPosnMaxAbsltDriftB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvLimpAirPosnMaxB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvLimpAirPosnMaxRelDriftB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvLimpAirPosnMinB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvOpenLoadB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvOpenSprgB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvOpenSprgSprdB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvOverTB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvRetSprgB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvRetSprgSprdB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvSens1MaxB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvSens1NplB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvSens2MaxB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvSens2MinB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvSens2NplB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvShoCircB1_C	1x1
DFES_FaultTyp.DFC_ThrVlvSpiErrB1_C	1x1
DFES_FaultTyp.DFC_ThrvlvSens1MinB1_C	1x1
DFES_FaultTyp.DFC_TrbChCtrlDeB1_C	1x1
DFES_FaultTyp.DFC_TrbChDycB1_C	1x1
DFES_FaultTyp.DFC_TrbChLvrBrknB1_C	1x1
DFES_FaultTyp.DFC_TrbChOpenLoadB1_C	1x1
DFES_FaultTyp.DFC_TrbChOverTB1_C	1x1
DFES_FaultTyp.DFC_TrbChPrmntFirstOffsLrnMaxB1_C	1x1
DFES_FaultTyp.DFC_TrbChPrmntFirstOffsLrnMinB1_C	1x1
DFES_FaultTyp.DFC_TrbChPrmntOffsLrnMaxB1_C	1x1
DFES_FaultTyp.DFC_TrbChPrmntOffsLrnMinB1_C	1x1
DFES_FaultTyp.DFC_TrbChSens1MaxB1_C	1x1
DFES_FaultTyp.DFC_TrbChSens1MinB1_C	1x1
DFES_FaultTyp.DFC_TrbChShoCircB1_C	1x1
DFES_FaultTyp.DFC_TrbChSpiErrB1_C	1x1
DFES_FaultTyp.DFC_UEGOHeatrCtlS1B1_C	1x1
DFES_FaultTyp.DFC_UEGOSnsrMntdS1B1_C	1x1
DFES_FaultTyp.DFC_UVSEmax_C	1x1
DFES_FaultTyp.DFC_UVSEmin_C	1x1
DFES_FaultTyp.DFC_UVSEsig_C	1x1
DFES_FaultTyp.DFC_VehVSig_C	1x1
DFES_FaultTyp.DFC_VlvLftExh1max_C	1x1
DFES_FaultTyp.DFC_VlvLftExh1min_C	1x1
DFES_FaultTyp.DFC_VlvLftExh1sig_C	1x1
DFES_GrpRpr.DFC_Unused_C	1x1
DFES_GrpRpr.DFC_ATRlyStkOffErr_C	1x1
DFES_GrpRpr.DFC_ATRlyStkOnErr_C	1x1
DFES_GrpRpr.DFC_AltIOACGFailr_C	1x1
DFES_GrpRpr.DFC_AltIOACGHiVltg_C	1x1
DFES_GrpRpr.DFC_AltIOACGLoVltg_C	1x1
DFES_GrpRpr.DFC_AltIOACGTHi_C	1x1
DFES_GrpRpr.DFC_AltIODConnACG_C	1x1
DFES_GrpRpr.DFC_BrkBstPDriftHiErr_C	1x1
DFES_GrpRpr.DFC_BrkBstPDriftLoErr_C	1x1
DFES_GrpRpr.DFC_BrkBstPSnsrStuck_C	1x1
DFES_GrpRpr.DFC_BrkMnSwtContOn_C	1x1
DFES_GrpRpr.DFC_BrkMnSwtNotStp_C	1x1
DFES_GrpRpr.DFC_BrkNpl_C	1x1
DFES_GrpRpr.DFC_BrkRdntSwtContOn_C	1x1
DFES_GrpRpr.DFC_BrkRdntSwtNotStp_C	1x1
DFES_GrpRpr.DFC_Clth3ONStuck_C	1x1
DFES_GrpRpr.DFC_Clth4OFFStuck_C	1x1
DFES_GrpRpr.DFC_ClthOFFStuck_C	1x1
DFES_GrpRpr.DFC_ClthONStuck_C	1x1
DFES_GrpRpr.DFC_ClthStkFailInfo_C	1x1
DFES_GrpRpr.DFC_ComABSWrn_C	1x1
DFES_GrpRpr.DFC_ComACCAChksum_C	1x1
DFES_GrpRpr.DFC_ComACCADLC_C	1x1
DFES_GrpRpr.DFC_ComACCARingCnt_C	1x1
DFES_GrpRpr.DFC_ComACCATOut_C	1x1

DFES_GrpRpr.DFC_ComACCBChkSum_C	1x1
DFES_GrpRpr.DFC_ComACCBRingCnt_C	1x1
DFES_GrpRpr.DFC_ComACCBTOut_C	1x1
DFES_GrpRpr.DFC_ComACCChkSum_C	1x1
DFES_GrpRpr.DFC_ComACCRingCnt_C	1x1
DFES_GrpRpr.DFC_ComACCTOut_C	1x1
DFES_GrpRpr.DFC_ComACFailInfo_C	1x1
DFES_GrpRpr.DFC_ComADSChkSum_C	1x1
DFES_GrpRpr.DFC_ComADSRingCnt_C	1x1
DFES_GrpRpr.DFC_ComADSTOut_C	1x1
DFES_GrpRpr.DFC_ComATErr4_C	1x1
DFES_GrpRpr.DFC_ComATGearInfoErr_C	1x1
DFES_GrpRpr.DFC_ComATISS_C	1x1
DFES_GrpRpr.DFC_ComAWDChksum_C	1x1
DFES_GrpRpr.DFC_ComAWDMechFail_C	1x1
DFES_GrpRpr.DFC_ComAWDRingCnt_C	1x1
DFES_GrpRpr.DFC_ComAWDTOut_C	1x1
DFES_GrpRpr.DFC_ComAYCAChksum_C	1x1
DFES_GrpRpr.DFC_ComAYCARingCnt_C	1x1
DFES_GrpRpr.DFC_ComAYCATOut_C	1x1
DFES_GrpRpr.DFC_ComAYCBChkSum_C	1x1
DFES_GrpRpr.DFC_ComAYCBRingCnt_C	1x1
DFES_GrpRpr.DFC_ComAYCBTOut_C	1x1
DFES_GrpRpr.DFC_ComAYCCtlErr_C	1x1
DFES_GrpRpr.DFC_ComAYCDChkSum_C	1x1
DFES_GrpRpr.DFC_ComAYCDTOut_C	1x1
DFES_GrpRpr.DFC_ComAYCFChksum_C	1x1
DFES_GrpRpr.DFC_ComAYCFCtlErr_C	1x1
DFES_GrpRpr.DFC_ComAYCFRingCnt_C	1x1
DFES_GrpRpr.DFC_ComAYCFTOut_C	1x1
DFES_GrpRpr.DFC_ComAirEnvT_C	1x1
DFES_GrpRpr.DFC_ComApcChksum_C	1x1
DFES_GrpRpr.DFC_ComApcRingCnt_C	1x1
DFES_GrpRpr.DFC_ComApcTOut_C	1x1
DFES_GrpRpr.DFC_ComBB10TOut_C	1x1
DFES_GrpRpr.DFC_ComBB1TOut_C	1x1
DFES_GrpRpr.DFC_ComBB2TOut_C	1x1
DFES_GrpRpr.DFC_ComCANABusOffErr_C	1x1
DFES_GrpRpr.DFC_ComCANBBusOffErr_C	1x1
DFES_GrpRpr.DFC_ComCANCBusOffErr_C	1x1
DFES_GrpRpr.DFC_ComConvBoostErr_C	1x1
DFES_GrpRpr.DFC_ComDCDCInpErr1_C	1x1
DFES_GrpRpr.DFC_ComDCDCInpErr2_C	1x1
DFES_GrpRpr.DFC_ComDCDCIntErr_C	1x1
DFES_GrpRpr.DFC_ComDCDCOutpErr1_C	1x1
DFES_GrpRpr.DFC_ComDCDCOutpErr2_C	1x1
DFES_GrpRpr.DFC_ComDCDCTempWarn1_C	1x1
DFES_GrpRpr.DFC_ComDCDCTempWarn2_C	1x1
DFES_GrpRpr.DFC_ComEAT10Chksum_C	1x1
DFES_GrpRpr.DFC_ComEAT10RingCnt_C	1x1
DFES_GrpRpr.DFC_ComEAT10TOut_C	1x1
DFES_GrpRpr.DFC_ComEAT2ChkSum_C	1x1
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DFES_GrpRpr.DFC_ComEAT9TOut_C	1x1
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DFES_GrpRpr.DFC_ComEATARingCnt_C	1x1
DFES_GrpRpr.DFC_ComEATATOut_C	1x1
DFES_GrpRpr.DFC_ComEATBChkSum_C	1x1
DFES_GrpRpr.DFC_ComEATBRingCnt_C	1x1
DFES_GrpRpr.DFC_ComEATBTOut_C	1x1
DFES_GrpRpr.DFC_ComEATErr_C	1x1
DFES_GrpRpr.DFC_ComEBSSelfDiagErr_C	1x1
DFES_GrpRpr.DFC_ComEPBChksum_C	1x1
DFES_GrpRpr.DFC_ComEPBTOut_C	1x1
DFES_GrpRpr.DFC_ComEPBctRing_C	1x1
DFES_GrpRpr.DFC_ComEPS1Chksum_C	1x1
DFES_GrpRpr.DFC_ComEPS1RingCnt_C	1x1
DFES_GrpRpr.DFC_ComEPS1TOut_C	1x1
DFES_GrpRpr.DFC_ComEPSChksum_C	1x1
DFES_GrpRpr.DFC_ComEPSRingCnt_C	1x1
DFES_GrpRpr.DFC_ComEPSTOut_C	1x1
DFES_GrpRpr.DFC_ComEVPChksum_C	1x1
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DFES_GrpRpr.DFC_ComEVPTOut_C	1x1
DFES_GrpRpr.DFC_ComIDASBChksum_C	1x1
DFES_GrpRpr.DFC_ComIDASBRingCnt_C	1x1
DFES_GrpRpr.DFC_ComIDASBTOut_C	1x1
DFES_GrpRpr.DFC_ComISSPrms_C	1x1
DFES_GrpRpr.DFC_ComMETAChksum_C	1x1
DFES_GrpRpr.DFC_ComMETARingCnt_C	1x1
DFES_GrpRpr.DFC_ComMETATOut_C	1x1
DFES_GrpRpr.DFC_ComMETBChksum_C	1x1
DFES_GrpRpr.DFC_ComMETBRingCnt_C	1x1
DFES_GrpRpr.DFC_ComMETBTOut_C	1x1
DFES_GrpRpr.DFC_ComMETCChksum_C	1x1
DFES_GrpRpr.DFC_ComMETCRingCnt_C	1x1
DFES_GrpRpr.DFC_ComMETCTOut_C	1x1

DFES_GrpRpr.DFC_ComMETDChksum_C	1x1
DFES_GrpRpr.DFC_ComMETDRingCnt_C	1x1
DFES_GrpRpr.DFC_ComMETDTOut_C	1x1
DFES_GrpRpr.DFC_ComMETE2Chksum_C	1x1
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DFES_GrpRpr.DFC_ComMETE2TOut_C	1x1
DFES_GrpRpr.DFC_ComMETEChksum_C	1x1
DFES_GrpRpr.DFC_ComMETERingCnt_C	1x1
DFES_GrpRpr.DFC_ComMETETOut_C	1x1
DFES_GrpRpr.DFC_ComMETFChksum_C	1x1
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DFES_GrpRpr.DFC_ComMETFTOut_C	1x1
DFES_GrpRpr.DFC_ComMETGChksum_C	1x1
DFES_GrpRpr.DFC_ComMETGRingCnt_C	1x1
DFES_GrpRpr.DFC_ComMETGTOut_C	1x1
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DFES_GrpRpr.DFC_ComMETH2TOut_C	1x1
DFES_GrpRpr.DFC_ComMETHChksum_C	1x1
DFES_GrpRpr.DFC_ComMETHRingCnt_C	1x1
DFES_GrpRpr.DFC_ComMETHTOut_C	1x1
DFES_GrpRpr.DFC_ComMETIChksum_C	1x1
DFES_GrpRpr.DFC_ComMETIRingCnt_C	1x1
DFES_GrpRpr.DFC_ComMETITOut_C	1x1
DFES_GrpRpr.DFC_ComMETKChksum_C	1x1
DFES_GrpRpr.DFC_ComMETKRingCnt_C	1x1
DFES_GrpRpr.DFC_ComMETKTOut_C	1x1
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DFES_GrpRpr.DFC_ComMETLRingCnt_C	1x1
DFES_GrpRpr.DFC_ComMETLTOut_C	1x1
DFES_GrpRpr.DFC_ComMETMChksum_C	1x1
DFES_GrpRpr.DFC_ComMETMRingCnt_C	1x1
DFES_GrpRpr.DFC_ComMETMTOut_C	1x1
DFES_GrpRpr.DFC_ComMETNChksum_C	1x1
DFES_GrpRpr.DFC_ComMETNRingCnt_C	1x1
DFES_GrpRpr.DFC_ComMETNTOut_C	1x1
DFES_GrpRpr.DFC_ComMtrCom_C	1x1
DFES_GrpRpr.DFC_ComMtrEva_C	1x1
DFES_GrpRpr.DFC_ComPCUChkSum_C	1x1
DFES_GrpRpr.DFC_ComPCURingCnt_C	1x1
DFES_GrpRpr.DFC_ComPCUTOut_C	1x1
DFES_GrpRpr.DFC_ComSRSAChksum_C	1x1
DFES_GrpRpr.DFC_ComSRSARingCnt_C	1x1
DFES_GrpRpr.DFC_ComSRSATOut_C	1x1
DFES_GrpRpr.DFC_ComSRSActive_C	1x1
DFES_GrpRpr.DFC_ComSRSBChksum_C	1x1
DFES_GrpRpr.DFC_ComSRSBRingCnt_C	1x1
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DFES_GrpRpr.DFC_Cy150SpiCom_C	1x1
DFES_GrpRpr.DFC_Cy327SpiCom_C	1x1
DFES_GrpRpr.DFC_EbsChartcCurrErr_C	1x1
DFES_GrpRpr.DFC_EbsSelfDiagErr_C	1x1
DFES_GrpRpr.DFC_ElecLdSRCMax_C	1x1
DFES_GrpRpr.DFC_ElecLdSRCMin_C	1x1
DFES_GrpRpr.DFC_EnvTDef_C	1x1
DFES_GrpRpr.DFC_EnvTSig_C	1x1
DFES_GrpRpr.DFC_GEVlvPhaPsOpenLoadIntkB1_C	1x1
DFES_GrpRpr.DFC_GEVlvPhaPsOpenLoadOutlB1_C	1x1
DFES_GrpRpr.DFC_GEVlvPhaPsShoToBattIntkB1_C	1x1
DFES_GrpRpr.DFC_GEVlvPhaPsShoToBattOutlB1_C	1x1
DFES_GrpRpr.DFC_GEVlvPhaPsShoToGndIntkB1_C	1x1
DFES_GrpRpr.DFC_GEVlvPhaPsShoToGndOutlB1_C	1x1
DFES_GrpRpr.DFC_GbxAlvChk_C	1x1
DFES_GrpRpr.DFC_GbxNPos1SRCMax_C	1x1
DFES_GrpRpr.DFC_GbxNPos1SRCMin_C	1x1
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DFES_GrpRpr.DFC_GbxNPos2SRCMin_C	1x1
DFES_GrpRpr.DFC_GbxNPosCorrIn_C	1x1
DFES_GrpRpr.DFC_GbxRevLckOL_C	1x1
DFES_GrpRpr.DFC_GbxRevLckOt_C	1x1
DFES_GrpRpr.DFC_GbxRevLckSCB_C	1x1
DFES_GrpRpr.DFC_GbxRevLckSCG_C	1x1
DFES_GrpRpr.DFC_GbxSleepErr_C	1x1
DFES_GrpRpr.DFC_GbxSpdPlausErr_C	1x1
DFES_GrpRpr.DFC_LinCSErrACG_C	1x1
DFES_GrpRpr.DFC_LinCSErrDCDC_C	1x1
DFES_GrpRpr.DFC_LinCSErrEBS_C	1x1
DFES_GrpRpr.DFC_LinFrameErrACG_C	1x1
DFES_GrpRpr.DFC_LinFrameErrDCDC_C	1x1
DFES_GrpRpr.DFC_LinFrameErrEBS_C	1x1
DFES_GrpRpr.DFC_LinHdrTimeoutErrACG_C	1x1
DFES_GrpRpr.DFC_LinHdrTimeoutErrDCDC_C	1x1
DFES_GrpRpr.DFC_LinHdrTimeoutErrEBS_C	1x1
DFES_GrpRpr.DFC_LinMsgTimeoutErrACG_C	1x1
DFES_GrpRpr.DFC_LinMsgTimeoutErrDCDC_C	1x1
DFES_GrpRpr.DFC_LinMsgTimeoutErrEBS_C	1x1
DFES_GrpRpr.DFC_LinNoStrtComErr_C	1x1
DFES_GrpRpr.DFC_LinOverrunErrACG_C	1x1
DFES_GrpRpr.DFC_LinOverrunErrDCDC_C	1x1
DFES_GrpRpr.DFC_LinOverrunErrEBS_C	1x1
DFES_GrpRpr.DFC_LinParityErr_C	1x1

DFES_GrpRpr.DFC_LowPresOilP_C	1x1
DFES_GrpRpr.DFC_METCSum_C	1x1
DFES_GrpRpr.DFC_METctRing_C	1x1
DFES_GrpRpr.DFC_METtiDeb_C	1x1
DFES_GrpRpr.DFC_MisfDetdVWhlFrntLePlaus_C	1x1
DFES_GrpRpr.DFC_MisfDetdVWhlFrntRiPlaus_C	1x1
DFES_GrpRpr.DFC_MisfDetdVWhlReLePlaus_C	1x1
DFES_GrpRpr.DFC_MisfDetdVWhlReRiPlaus_C	1x1
DFES_GrpRpr.DFC_MonUMaxSupply1_C	1x1
DFES_GrpRpr.DFC_MonUMinSupply1_C	1x1
DFES_GrpRpr.DFC_OilAbnormErr_C	1x1
DFES_GrpRpr.DFC_OilErr_C	1x1
DFES_GrpRpr.DFC_PEnvSigRngMax_C	1x1
DFES_GrpRpr.DFC_PEnvSigRngMin_C	1x1
DFES_GrpRpr.DFC_Pmd_PeriMon_C	1x1
DFES_GrpRpr.DFC_SSpMon1_C	1x1
DFES_GrpRpr.DFC_SSpMon1OV_C	1x1
DFES_GrpRpr.DFC_SSpMon1SCG_C	1x1
DFES_GrpRpr.DFC_SSpMon1UV_C	1x1
DFES_GrpRpr.DFC_SSpMon2_C	1x1
DFES_GrpRpr.DFC_SSpMon2OV_C	1x1
DFES_GrpRpr.DFC_SSpMon2SCG_C	1x1
DFES_GrpRpr.DFC_SSpMon2UV_C	1x1
DFES_GrpRpr.DFC_SSpMon3_C	1x1
DFES_GrpRpr.DFC_SSpMon3OV_C	1x1
DFES_GrpRpr.DFC_SSpMon3SCG_C	1x1
DFES_GrpRpr.DFC_SSpMon3UV_C	1x1
DFES_GrpRpr.DFC_StmFault_C	1x1
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DFES_GrpRpr.DFC_StrtCtlErr_C	1x1
DFES_GrpRpr.DFC_StrtFault_C	1x1
DFES_GrpRpr.DFC_StrtLckJudg1_C	1x1
DFES_GrpRpr.DFC_StrtLckJudg2_C	1x1
DFES_GrpRpr.DFC_StrtOL_C	1x1
DFES_GrpRpr.DFC_StrtOL2_C	1x1
DFES_GrpRpr.DFC_StrtSCB_C	1x1
DFES_GrpRpr.DFC_StrtSCB2_C	1x1
DFES_GrpRpr.DFC_StrtSCG_C	1x1
DFES_GrpRpr.DFC_StrtSCG2_C	1x1
DFES_GrpRpr.DFC_StrtStkRly1_C	1x1
DFES_GrpRpr.DFC_StrtStkRly2_C	1x1
DFES_GrpRpr.DFC_T50OL_C	1x1
DFES_GrpRpr.DFC_VehVAllPlaus_C	1x1
DFES_GrpRpr.DFC_VehVPlausCan_C	1x1
DFES_GrpRpr.DFC_VehVPlausFco_C	1x1
DFES_GrpRpr.DFC_VehVPlausPwr_C	1x1
DFES_GrpRpr.DFC_VehVPlausV2N_C	1x1
DFES_GrpRpr.DFC_CIthMax_C	1x1
DFES_GrpRpr.DFC_IgnClPsDevIdentErr1_C	1x1
DFES_GrpRpr.DFC_IgnClPsDevSpiErr1_C	1x1
DFES_GrpRpr.DFC_IgnClPsOpenLoad0_C	1x1
DFES_GrpRpr.DFC_IgnClPsOpenLoad1_C	1x1
DFES_GrpRpr.DFC_IgnClPsOpenLoad2_C	1x1
DFES_GrpRpr.DFC_IgnClPsOpenLoad3_C	1x1
DFES_GrpRpr.DFC_IgnClPsShCirBatt0_C	1x1
DFES_GrpRpr.DFC_IgnClPsShCirBatt1_C	1x1
DFES_GrpRpr.DFC_IgnClPsShCirBatt2_C	1x1
DFES_GrpRpr.DFC_IgnClPsShCirBatt3_C	1x1
DFES_GrpRpr.DFC_IgnClPsShCirGnd0_C	1x1
DFES_GrpRpr.DFC_IgnClPsShCirGnd1_C	1x1
DFES_GrpRpr.DFC_IgnClPsShCirGnd2_C	1x1
DFES_GrpRpr.DFC_IgnClPsShCirGnd3_C	1x1
DFES_GrpRpr.DFC_KRVEKOEVAB_C	1x1
DFES_GrpRpr.DFC_KRVEKOEVAB0_C	1x1
DFES_GrpRpr.DFC_KRVEKOEVAB1_C	1x1
DFES_GrpRpr.DFC_KRVEKOEVAB2_C	1x1
DFES_GrpRpr.DFC_KRVEKOEVAB3_C	1x1
DFES_GrpRpr.DFC_MfPsNonPlausible_C	1x1
DFES_GrpRpr.DFC_T50RetOL_C	1x1
DFES_GrpRpr.DFC_T50RetSCB_C	1x1
DFES_GrpRpr.DFC_T50SCB_C	1x1
DFES_GrpRpr.DFC_UEGOASICS1B1_C	1x1
DFES_GrpRpr.DFC_UEGOOLIPES1B1_C	1x1
DFES_GrpRpr.DFC_UEGOOLRES1B1_C	1x1
DFES_GrpRpr.DFC_UEGOSCBS1B1_C	1x1
DFES_GrpRpr.DFC_UEGOSCGS1B1_C	1x1
DFES_GrpRpr.DFC_UEGOSPIS1B1_C	1x1
DFES_GrpRpr.DFC_UEGOSnsrS1B1_C	1x1
DFES_GrpRpr.DFC_UegoOlApesS1B1_C	1x1
DFES_GrpRpr.DFC_UegoOlRCmpS1B1_C	1x1
DFES_GrpRpr.DFC_AirCCmprOL_C	1x1
DFES_GrpRpr.DFC_AirCCmprOvrTemp_C	1x1
DFES_GrpRpr.DFC_AirCCmprSCB_C	1x1
DFES_GrpRpr.DFC_AirCCmprSCG_C	1x1
DFES_GrpRpr.DFC_AltErr_C	1x1
DFES_GrpRpr.DFC_BattUSRCMax_C	1x1
DFES_GrpRpr.DFC_BattUSRCMin_C	1x1
DFES_GrpRpr.DFC_DevLibBattUHi_C	1x1
DFES_GrpRpr.DFC_DevLibBattULo_C	1x1
DFES_GrpRpr.DFC_FanDIOOL_0_C	1x1
DFES_GrpRpr.DFC_FanDIOOL_1_C	1x1
DFES_GrpRpr.DFC_FanDIOOvrTemp_0_C	1x1
DFES_GrpRpr.DFC_FanDIOOvrTemp_1_C	1x1
DFES_GrpRpr.DFC_FanDIOSCB_0_C	1x1
DFES_GrpRpr.DFC_FanDIOSCB_1_C	1x1
DFES_GrpRpr.DFC_FanDIOSCG_0_C	1x1
DFES_GrpRpr.DFC_FanDIOSCG_1_C	1x1
DFES_GrpRpr.DFC_PSPOL_C	1x1
DFES_GrpRpr.DFC_PSPOvrTemp_C	1x1

DFES_GrpRpr.DFC_PSPSCB_C	1x1
DFES_GrpRpr.DFC_PSPSCG_C	1x1
DFES_GrpRpr.DFC_VehVSclOutOL_C	1x1
DFES_GrpRpr.DFC_VehVSclOutOT_C	1x1
DFES_GrpRpr.DFC_VehVSclOutSCB_C	1x1
DFES_GrpRpr.DFC_VehVSclOutSCG_C	1x1
DFES_GrpRpr.DFC_VehVSigFL_C	1x1
DFES_GrpRpr.DFC_VehVSigFR_C	1x1
DFES_GrpRpr.DFC_VehVSigRL_C	1x1
DFES_GrpRpr.DFC_VehVSigRR_C	1x1
DFES_GrpRpr.DFC_VlvLftFbSwtExh11SpclFail_C	1x1
DFES_GrpRpr.DFC_VlvLftFbSwtExh11StdFail_C	1x1
DFES_GrpRpr.DFC_DHFHD_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_NoLd_0_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_NoLd_1_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_NoLd_2_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_NoLd_3_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_ScBnk_0_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_ScBnk_1_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_ScBnk_2_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_ScBnk_3_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_ScCyl_0_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_ScCyl_1_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_ScCyl_2_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_ScCyl_3_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_ScHsLs_0_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_ScHsLs_1_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_ScHsLs_2_C	1x1
DFES_GrpRpr.DFC_InjVlv_DI_ScHsLs_3_C	1x1
DFES_GrpRpr.DFC_MfPsDiaOpenLoad1_C	1x1
DFES_GrpRpr.DFC_MfPsDiaScHiS1_C	1x1
DFES_GrpRpr.DFC_MfPsDiaScHiSLowS1_C	1x1
DFES_GrpRpr.DFC_MfPsDiaScLowS1_C	1x1
DFES_GrpRpr.DFC_MfPsOpenLoad_C	1x1
DFES_GrpRpr.DFC_MfPsShCirBattLowSide_C	1x1
DFES_GrpRpr.DFC_MfPsShCirGndLowSide_C	1x1
DFES_GrpRpr.DFC_ACEvpTPhysRngHi_C	1x1
DFES_GrpRpr.DFC_ACEvpTPhysRngLo_C	1x1
DFES_GrpRpr.DFC_ACEvpTSRCMax_C	1x1
DFES_GrpRpr.DFC_ACEvpTSRCMin_C	1x1
DFES_GrpRpr.DFC_AirCCIntPAnaSRCMax_C	1x1
DFES_GrpRpr.DFC_AirCCIntPAnaSRCMin_C	1x1
DFES_GrpRpr.DFC_AirCSwtNpl_C	1x1
DFES_GrpRpr.DFC_AirCSwtSig_C	1x1
DFES_GrpRpr.DFC_Brk_C	1x1
DFES_GrpRpr.DFC_BrkBstSensSCB_C	1x1
DFES_GrpRpr.DFC_BrkBstSensSCG_C	1x1
DFES_GrpRpr.DFC_BrkPPhysRngHi_C	1x1
DFES_GrpRpr.DFC_BrkPPhysRngLo_C	1x1
DFES_GrpRpr.DFC_BrkSig_C	1x1
DFES_GrpRpr.DFC_ClthSig_C	1x1
DFES_GrpRpr.DFC_EngSpdOL_C	1x1
DFES_GrpRpr.DFC_EngSpdOT_C	1x1
DFES_GrpRpr.DFC_EngSpdSCB_C	1x1
DFES_GrpRpr.DFC_EngSpdSCG_C	1x1
DFES_GrpRpr.DFC_GbxNPosSig_C	1x1
DFES_GrpRpr.DFC_HLSDemOvhtEngLim_C	1x1
DFES_GrpRpr.DFC_OilPSwmpSRCMax_C	1x1
DFES_GrpRpr.DFC_OilPSwmpSRCMin_C	1x1
DFES_GrpRpr.DFC_VehVPhysRngHi_C	1x1
DFES_GrpRpr.DFC_VehVPhysRngLo_C	1x1
DFES_GrpRpr.DFC_VehVSigCan_C	1x1
DFES_GrpRpr.DFC_VehVSigCanSafe_C	1x1
DFES_GrpRpr.DFC_ClthNpl_C	1x1
DFES_GrpRpr.DFC_MRlySCG_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlFrntLeOORHi_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlFrntLeRatyHi_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlFrntLeRatyLo_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlFrntLeStuck_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlFrntRiOORHi_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlFrntRiRatyHi_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlFrntRiRatyLo_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlFrntRiStuck_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlReLeOORHi_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlReLeRatyHi_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlReLeRatyLo_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlReLeStuck_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlReRiOORHi_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlReRiRatyHi_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlReRiRatyLo_C	1x1
DFES_GrpRpr.DFC_MisfDetVWhlReRiStuck_C	1x1
DFES_GrpRpr.DFC_PEnvCcMax_C	1x1
DFES_GrpRpr.DFC_PEnvCcMin_C	1x1
DFES_GrpRpr.DFC_PEnvPlausMax_C	1x1
DFES_GrpRpr.DFC_PEnvPlausMin_C	1x1
DFES_GrpRpr.DFC_PEnvRngChkMax_C	1x1
DFES_GrpRpr.DFC_PEnvRngChkMin_C	1x1
DFES_GrpRpr.DFC_PEnvSnsrPlaus_C	1x1
DFES_GrpRpr.DFC_UEGOHeatrPsS1B1Max_C	1x1
DFES_GrpRpr.DFC_UEGOHeatrPsS1B1Min_C	1x1
DFES_GrpRpr.DFC_UEGOHeatrPsS1B1Sig_C	1x1
DFES_GrpRpr.DFC_UEGOHeatrRlyPsOLS1B1_C	1x1
DFES_GrpRpr.DFC_UEGOHeatrRlyPsSCBS1B1_C	1x1
DFES_GrpRpr.DFC_UEGOHeatrRlyPsSCGS1B1_C	1x1
DFES_GrpRpr.DFC_KnDetSens1PortAMax_C	1x1
DFES_GrpRpr.DFC_KnDetSens1PortAMin_C	1x1
DFES_GrpRpr.DFC_KnDetSens1PortBMax_C	1x1
DFES_GrpRpr.DFC_KnDetSens1PortBMin_C	1x1
DFES_GrpRpr.DFC_AFIMRAWZlean_0_C	1x1

DFES_GrpRpr.DFC_AFIMRAWZlean_1_C	1x1
DFES_GrpRpr.DFC_AFIMRAWZlean_2_C	1x1
DFES_GrpRpr.DFC_AFIMRAWZlean_3_C	1x1
DFES_GrpRpr.DFC_AFIMRAWZrich_0_C	1x1
DFES_GrpRpr.DFC_AFIMRAWZrich_1_C	1x1
DFES_GrpRpr.DFC_AFIMRAWZrich_2_C	1x1
DFES_GrpRpr.DFC_AFIMRAWZrich_3_C	1x1
DFES_GrpRpr.DFC_AFIMRAWlean_C	1x1
DFES_GrpRpr.DFC_AFIMRAWrich_C	1x1
DFES_GrpRpr.DFC_AFIMZlean_0_C	1x1
DFES_GrpRpr.DFC_AFIMZlean_1_C	1x1
DFES_GrpRpr.DFC_AFIMZlean_2_C	1x1
DFES_GrpRpr.DFC_AFIMZlean_3_C	1x1
DFES_GrpRpr.DFC_AFIMZrich_0_C	1x1
DFES_GrpRpr.DFC_AFIMZrich_1_C	1x1
DFES_GrpRpr.DFC_AFIMZrich_2_C	1x1
DFES_GrpRpr.DFC_AFIMZrich_3_C	1x1
DFES_GrpRpr.DFC_AFIMlean_C	1x1
DFES_GrpRpr.DFC_AFIMrich_C	1x1
DFES_GrpRpr.DFC_Clth2ONStuck_C	1x1
DFES_GrpRpr.DFC_Clth2ONStuckLdc_C	1x1
DFES_GrpRpr.DFC_Clth3ONStuckLdc_C	1x1
DFES_GrpRpr.DFC_Clth3ONStuckPostDrv_C	1x1
DFES_GrpRpr.DFC_Clth4ONStuck_C	1x1
DFES_GrpRpr.DFC_Clth4ONStuckLdc_C	1x1
DFES_GrpRpr.DFC_DSTDmax_C	1x1
DFES_GrpRpr.DFC_DYLSUmin_C	1x1
DFES_GrpRpr.DFC_EEPEraseErr_C	1x1
DFES_GrpRpr.DFC_EbsSocFlt_C	1x1
DFES_GrpRpr.DFC_EepShdw_C	1x1
DFES_GrpRpr.DFC_EngPrtTMFWShOff_C	1x1
DFES_GrpRpr.DFC_I14229VINErr_C	1x1
DFES_GrpRpr.DFC_InjCatHeatgErr_C	1x1
DFES_GrpRpr.DFC_LLRHmax_C	1x1
DFES_GrpRpr.DFC_LLRHmin_C	1x1
DFES_GrpRpr.DFC_LLRHnpl_C	1x1
DFES_GrpRpr.DFC_LLRKHmax_C	1x1
DFES_GrpRpr.DFC_LLRKHmin_C	1x1
DFES_GrpRpr.DFC_LLRKHnpl_C	1x1
DFES_GrpRpr.DFC_OilPlausErr_C	1x1
DFES_GrpRpr.DFC_RoughRoad_C	1x1
DFES_GrpRpr.DFC_SiaEEPRdErr_C	1x1
DFES_GrpRpr.DFC_SiaEEPWrngCod_C	1x1
DFES_GrpRpr.DFC_Tprot_Rttp_Err_C	1x1
DFES_GrpRpr.DFC_UegoDummy_C	1x1
DFES_GrpRpr.DFC_VehVMax_C	1x1
DFES_GrpRpr.DFC_VehVPlaus_C	1x1
DFES_GrpRpr.DFC_AAVEmax_C	1x1
DFES_GrpRpr.DFC_AAVEmin_C	1x1
DFES_GrpRpr.DFC_AAVEsig_C	1x1
DFES_GrpRpr.DFC_AAVmin_C	1x1
DFES_GrpRpr.DFC_BBKRnldg_C	1x1
DFES_GrpRpr.DFC_BBKRsyne_C	1x1
DFES_GrpRpr.DFC_BigLeakIntkMnfldEmiInfl_C	1x1
DFES_GrpRpr.DFC_BrkMnSwtContOnWarnLmp_C	1x1
DFES_GrpRpr.DFC_BrkMnSwtNotStpWarnLmp_C	1x1
DFES_GrpRpr.DFC_BrkRdntSwtContOnWarnLmp_C	1x1
DFES_GrpRpr.DFC_BrkRdntSwtNotStpWarnLmp_C	1x1
DFES_GrpRpr.DFC_CEngDsTColdStrtMax_C	1x1
DFES_GrpRpr.DFC_CEngDsTColdStrtMin_C	1x1
DFES_GrpRpr.DFC_CEngDsTImps_C	1x1
DFES_GrpRpr.DFC_CEngDsTPlausHSC_C	1x1
DFES_GrpRpr.DFC_CEngDsTPlausLSC_C	1x1
DFES_GrpRpr.DFC_CEngDsTPlausSTC_C	1x1
DFES_GrpRpr.DFC_CEngDsTSRCMax_C	1x1
DFES_GrpRpr.DFC_CEngDsTSRCMin_C	1x1
DFES_GrpRpr.DFC_CEngDsTSig_C	1x1
DFES_GrpRpr.DFC_CEngUsTSRCMax_C	1x1
DFES_GrpRpr.DFC_CEngUsTSRCMin_C	1x1
DFES_GrpRpr.DFC_CFCmax_C	1x1
DFES_GrpRpr.DFC_CILCNMsfMax_0_C	1x1
DFES_GrpRpr.DFC_CILCNMsfMax_1_C	1x1
DFES_GrpRpr.DFC_CILCNMsfMax_2_C	1x1
DFES_GrpRpr.DFC_CILCNMsfMax_3_C	1x1
DFES_GrpRpr.DFC_CILCNMsfMaxSum_C	1x1
DFES_GrpRpr.DFC_CtT_C	1x1
DFES_GrpRpr.DFC_DCDCFltDet_C	1x1
DFES_GrpRpr.DFC_DFRMmax_C	1x1
DFES_GrpRpr.DFC_DFRMmin_C	1x1
DFES_GrpRpr.DFC_DKRSA_C	1x1
DFES_GrpRpr.DFC_DKVSmax_C	1x1
DFES_GrpRpr.DFC_DKnpl_C	1x1
DFES_GrpRpr.DFC_DSKVRmax_C	1x1
DFES_GrpRpr.DFC_DSKVRmin_C	1x1
DFES_GrpRpr.DFC_DSKVRnpl_C	1x1
DFES_GrpRpr.DFC_DSKVRsig_C	1x1
DFES_GrpRpr.DFC_DSKVSsig_C	1x1
DFES_GrpRpr.DFC_DSKVmax_C	1x1
DFES_GrpRpr.DFC_DSKVmin_C	1x1
DFES_GrpRpr.DFC_DSKVnpl_C	1x1
DFES_GrpRpr.DFC_DSLmax_C	1x1
DFES_GrpRpr.DFC_DSSmax_C	1x1
DFES_GrpRpr.DFC_DSTEmax_C	1x1
DFES_GrpRpr.DFC_DSTEmin_C	1x1
DFES_GrpRpr.DFC_DSTRmax_C	1x1
DFES_GrpRpr.DFC_DSTRmin_C	1x1
DFES_GrpRpr.DFC_DSTRnpl_C	1x1
DFES_GrpRpr.DFC_DSTRsig_C	1x1
DFES_GrpRpr.DFC_DSTTI_C	1x1

DFES_GrpRpr.DFC_DSTmax_C	1x1
DFES_GrpRpr.DFC_DSUmax_C	1x1
DFES_GrpRpr.DFC_EEPRdErr_C	1x1
DFES_GrpRpr.DFC_EEPWrErr_C	1x1
DFES_GrpRpr.DFC_EGFEmax_C	1x1
DFES_GrpRpr.DFC_EGFEmin_C	1x1
DFES_GrpRpr.DFC_EGSDUS2B1LtrDly_C	1x1
DFES_GrpRpr.DFC_EGSDUS2B1LtrPT1_C	1x1
DFES_GrpRpr.DFC_EGSDUS2B1RtlDly_C	1x1
DFES_GrpRpr.DFC_EGSDUS2B1RtlPT1_C	1x1
DFES_GrpRpr.DFC_EGSDUS2B1TarLean_C	1x1
DFES_GrpRpr.DFC_EGSDUS2B1TarRich_C	1x1
DFES_GrpRpr.DFC_EONVmax_C	1x1
DFES_GrpRpr.DFC_ETAKHLmax_C	1x1
DFES_GrpRpr.DFC_ETAKHTmax_C	1x1
DFES_GrpRpr.DFC_EngPrtOvrSpdMon_C	1x1
DFES_GrpRpr.DFC_EnvTMBCMax_C	1x1
DFES_GrpRpr.DFC_EnvTMBCMin_C	1x1
DFES_GrpRpr.DFC_EnvTPRCMax_C	1x1
DFES_GrpRpr.DFC_EnvTPRCMin_C	1x1
DFES_GrpRpr.DFC_EpmCaSI1ErrSig_C	1x1
DFES_GrpRpr.DFC_EpmCaSI1MntErr_C	1x1
DFES_GrpRpr.DFC_EpmCaSI1NoSigMax_C	1x1
DFES_GrpRpr.DFC_EpmCaSI1NoSigMin_C	1x1
DFES_GrpRpr.DFC_EpmCaSI1OfsErr_C	1x1
DFES_GrpRpr.DFC_EpmCaSO1ErrSig_C	1x1
DFES_GrpRpr.DFC_EpmCaSO1MntErr_C	1x1
DFES_GrpRpr.DFC_EpmCaSO1NoSigMax_C	1x1
DFES_GrpRpr.DFC_EpmCaSO1NoSigMin_C	1x1
DFES_GrpRpr.DFC_EpmCaSO1OfsErr_C	1x1
DFES_GrpRpr.DFC_EpmCrSDGI_C	1x1
DFES_GrpRpr.DFC_EpmCrSErrSig_C	1x1
DFES_GrpRpr.DFC_EpmCrSNoSig_C	1x1
DFES_GrpRpr.DFC_FRAmax_C	1x1
DFES_GrpRpr.DFC_FRAmin_C	1x1
DFES_GrpRpr.DFC_FSTEmax_C	1x1
DFES_GrpRpr.DFC_FSTEmin_C	1x1
DFES_GrpRpr.DFC_FSTRmax_C	1x1
DFES_GrpRpr.DFC_FSTRmin_C	1x1
DFES_GrpRpr.DFC_FSTRnpl_C	1x1
DFES_GrpRpr.DFC_FSTmax_C	1x1
DFES_GrpRpr.DFC_FTDLAmax_C	1x1
DFES_GrpRpr.DFC_FTDLAmin_C	1x1
DFES_GrpRpr.DFC_GEVlvLockPinDiagIntkB1_C	1x1
DFES_GrpRpr.DFC_GEVlvLockPinDiagOutlB1_C	1x1
DFES_GrpRpr.DFC_GEVlvPhaCsersExtdIntkB1_C	1x1
DFES_GrpRpr.DFC_GEVlvPhaCsersExtdOutlB1_C	1x1
DFES_GrpRpr.DFC_GEVlvPhaCsersIntkB1_C	1x1
DFES_GrpRpr.DFC_GEVlvPhaCsersOutlB1_C	1x1
DFES_GrpRpr.DFC_GEVlvPhaSlowIntkB1_C	1x1
DFES_GrpRpr.DFC_GEVlvPhaSlowOutlB1_C	1x1
DFES_GrpRpr.DFC_GEVlvPhaTargIntkB1_C	1x1
DFES_GrpRpr.DFC_GEVlvPhaTargOutlB1_C	1x1
DFES_GrpRpr.DFC_GbxRvsSwtStk_C	1x1
DFES_GrpRpr.DFC_HDRKHmax_C	1x1
DFES_GrpRpr.DFC_HDRKHmin_C	1x1
DFES_GrpRpr.DFC_HDRPLmax_C	1x1
DFES_GrpRpr.DFC_HDRPLmin_C	1x1
DFES_GrpRpr.DFC_HDRmax_C	1x1
DFES_GrpRpr.DFC_HDRmin_C	1x1
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DFES_GrpRpr.DFC_HEGOS2B1ElecMin_C	1x1
DFES_GrpRpr.DFC_HEGOS2B1ElecNpl_C	1x1
DFES_GrpRpr.DFC_HEGOS2B1ElecSig_C	1x1
DFES_GrpRpr.DFC_HEGOS2B1HtgNpl_C	1x1
DFES_GrpRpr.DFC_HEGOS2B1HtrPsMax_C	1x1
DFES_GrpRpr.DFC_HEGOS2B1HtrPsMin_C	1x1
DFES_GrpRpr.DFC_HEGOS2B1HtrPsSig_C	1x1
DFES_GrpRpr.DFC_HEV00max_C	1x1
DFES_GrpRpr.DFC_HEV01max_C	1x1
DFES_GrpRpr.DFC_HEV02max_C	1x1
DFES_GrpRpr.DFC_HEV03max_C	1x1
DFES_GrpRpr.DFC_HEVE0max_C	1x1
DFES_GrpRpr.DFC_HEVE1max_C	1x1
DFES_GrpRpr.DFC_HFM1Emax_C	1x1
DFES_GrpRpr.DFC_HFM1Emin_C	1x1
DFES_GrpRpr.DFC_HFM1Esig_C	1x1
DFES_GrpRpr.DFC_HFMEmax_C	1x1
DFES_GrpRpr.DFC_HFMRmax_C	1x1
DFES_GrpRpr.DFC_HFMRmin_C	1x1
DFES_GrpRpr.DFC_HFMRnpl_C	1x1
DFES_GrpRpr.DFC_HFMRsig_C	1x1
DFES_GrpRpr.DFC_HFMVmax_C	1x1
DFES_GrpRpr.DFC_HFMmax_C	1x1
DFES_GrpRpr.DFC_IVGdiCtlCvoErrMax_0_C	1x1
DFES_GrpRpr.DFC_IVGdiCtlCvoErrMax_1_C	1x1
DFES_GrpRpr.DFC_IVGdiCtlCvoErrMax_2_C	1x1
DFES_GrpRpr.DFC_IVGdiCtlCvoErrMax_3_C	1x1
DFES_GrpRpr.DFC_IVGdiCtlCvoErrMin_0_C	1x1
DFES_GrpRpr.DFC_IVGdiCtlCvoErrMin_1_C	1x1
DFES_GrpRpr.DFC_IVGdiCtlCvoErrMin_2_C	1x1
DFES_GrpRpr.DFC_IVGdiCtlCvoErrMin_3_C	1x1
DFES_GrpRpr.DFC_IVGdiCtlCvoErrMinMax_C	1x1
DFES_GrpRpr.DFC_IVGdiCtlCvoSigPlausErrSmrCdn_C	1x1
DFES_GrpRpr.DFC_IVGdiCtl_CvoErr_C	1x1
DFES_GrpRpr.DFC_IVGdiCtl_CvoSigPlaus_0_C	1x1
DFES_GrpRpr.DFC_IVGdiCtl_CvoSigPlaus_1_C	1x1
DFES_GrpRpr.DFC_IVGdiCtl_CvoSigPlaus_2_C	1x1
DFES_GrpRpr.DFC_IVGdiCtl_CvoSigPlaus_3_C	1x1

DFES_GrpRpr.DFC_IntkAirTAirFltDsCrssMax_C	1x1
DFES_GrpRpr.DFC_IntkAirTAirFltDsCrssMin_C	1x1
DFES_GrpRpr.DFC_IntkAirTAirFltDsHSCMax_C	1x1
DFES_GrpRpr.DFC_IntkAirTAirFltDsImps_C	1x1
DFES_GrpRpr.DFC_IntkAirTAirFltDsPRCMax_C	1x1
DFES_GrpRpr.DFC_IntkAirTAirFltDsPRCMin_C	1x1
DFES_GrpRpr.DFC_IntkAirTAirFltDsSRCMax_C	1x1
DFES_GrpRpr.DFC_IntkAirTAirFltDsSRCMin_C	1x1
DFES_GrpRpr.DFC_IntkAirTAirFltDsSTC_C	1x1
DFES_GrpRpr.DFC_IntkAirTIntkMnfldCrssMax_C	1x1
DFES_GrpRpr.DFC_IntkAirTIntkMnfldCrssMin_C	1x1
DFES_GrpRpr.DFC_IntkAirTIntkMnfldHSCMax_C	1x1
DFES_GrpRpr.DFC_IntkAirTIntkMnfldImps_C	1x1
DFES_GrpRpr.DFC_IntkAirTIntkMnfldPRCMax_C	1x1
DFES_GrpRpr.DFC_IntkAirTIntkMnfldPRCMin_C	1x1
DFES_GrpRpr.DFC_IntkAirTIntkMnfldSRCMax_C	1x1
DFES_GrpRpr.DFC_IntkAirTIntkMnfldSRCMin_C	1x1
DFES_GrpRpr.DFC_IntkAirTIntkMnfldSTC_C	1x1
DFES_GrpRpr.DFC_KRREGRLMX_C	1x1
DFES_GrpRpr.DFC_KRVEKOCVLCI_C	1x1
DFES_GrpRpr.DFC_KRVEKOENCHMT_C	1x1
DFES_GrpRpr.DFC_KRVEKORLMX_C	1x1
DFES_GrpRpr.DFC_KRVEKORLMXL_C	1x1
DFES_GrpRpr.DFC_KS1max_C	1x1
DFES_GrpRpr.DFC_KS1min_C	1x1
DFES_GrpRpr.DFC_LDRRmax_C	1x1
DFES_GrpRpr.DFC_LDRRmin_C	1x1
DFES_GrpRpr.DFC_LMmax_C	1x1
DFES_GrpRpr.DFC_LZSRnpl_C	1x1
DFES_GrpRpr.DFC_LamDynDiagS1B1_C	1x1
DFES_GrpRpr.DFC_LeakIntkMnfldEmiInfl_C	1x1
DFES_GrpRpr.DFC_MD_C	1x1
DFES_GrpRpr.DFC_MDBmax_C	1x1
DFES_GrpRpr.DFC_MDCatCrit_C	1x1
DFES_GrpRpr.DFC_MDCyl_0_C	1x1
DFES_GrpRpr.DFC_MDCyl_1_C	1x1
DFES_GrpRpr.DFC_MDCyl_2_C	1x1
DFES_GrpRpr.DFC_MDCyl_3_C	1x1
DFES_GrpRpr.DFC_MDFC_C	1x1
DFES_GrpRpr.DFC_MRlyErlyOpng_C	1x1
DFES_GrpRpr.DFC_MRlyErlyOpngRng_C	1x1
DFES_GrpRpr.DFC_MRlyStk_C	1x1
DFES_GrpRpr.DFC_MoCADCNTP_C	1x1
DFES_GrpRpr.DFC_MoCADCTst_C	1x1
DFES_GrpRpr.DFC_MoCComctErrMM_C	1x1
DFES_GrpRpr.DFC_MoFAPP_C	1x1
DFES_GrpRpr.DFC_MoFAirFilgPrdc_C	1x1
DFES_GrpRpr.DFC_MoFAirFlCtOff_C	1x1
DFES_GrpRpr.DFC_MoFAirFlCyl_C	1x1
DFES_GrpRpr.DFC_MoFESpd_C	1x1
DFES_GrpRpr.DFC_MoFGkc_C	1x1
DFES_GrpRpr.DFC_MoFICOL1_C	1x1
DFES_GrpRpr.DFC_MoFICOL2_C	1x1
DFES_GrpRpr.DFC_MoFModc_C	1x1
DFES_GrpRpr.DFC_MoFRlc_C	1x1
DFES_GrpRpr.DFC_MoFStrt_C	1x1
DFES_GrpRpr.DFC_MoFTrqCmp_C	1x1
DFES_GrpRpr.DFC_MoFZwc_C	1x1
DFES_GrpRpr.DFC_NWSAmax_C	1x1
DFES_GrpRpr.DFC_NWSEmax_C	1x1
DFES_GrpRpr.DFC_NWSmax_C	1x1
DFES_GrpRpr.DFC_OCWDAActv_C	1x1
DFES_GrpRpr.DFC_OCWDACom_C	1x1
DFES_GrpRpr.DFC_OCWDAOvrVltg_C	1x1
DFES_GrpRpr.DFC_ORAmax_C	1x1
DFES_GrpRpr.DFC_ORAmin_C	1x1
DFES_GrpRpr.DFC_OilPPlaus_C	1x1
DFES_GrpRpr.DFC_PLLSUmax_C	1x1
DFES_GrpRpr.DFC_PLLSUmin_C	1x1
DFES_GrpRpr.DFC_PSR1max_C	1x1
DFES_GrpRpr.DFC_PSRBmax_C	1x1
DFES_GrpRpr.DFC_PSRBmin_C	1x1
DFES_GrpRpr.DFC_PSRBnpl_C	1x1
DFES_GrpRpr.DFC_PSRBsig_C	1x1
DFES_GrpRpr.DFC_PSREmax_C	1x1
DFES_GrpRpr.DFC_PSREmin_C	1x1
DFES_GrpRpr.DFC_PSRPmax_C	1x1
DFES_GrpRpr.DFC_PSRPmin_C	1x1
DFES_GrpRpr.DFC_PSRPsig_C	1x1
DFES_GrpRpr.DFC_PSRmax_C	1x1
DFES_GrpRpr.DFC_PUmax_C	1x1
DFES_GrpRpr.DFC_PVD1max_C	1x1
DFES_GrpRpr.DFC_PVDEmax_C	1x1
DFES_GrpRpr.DFC_PVDEmin_C	1x1
DFES_GrpRpr.DFC_PVDRmax_C	1x1
DFES_GrpRpr.DFC_PVDRmin_C	1x1
DFES_GrpRpr.DFC_PVDRnpl_C	1x1
DFES_GrpRpr.DFC_PVDRsig_C	1x1
DFES_GrpRpr.DFC_PVDmax_C	1x1
DFES_GrpRpr.DFC_SRCHighAPP1_C	1x1
DFES_GrpRpr.DFC_SRCHighAPP2_C	1x1
DFES_GrpRpr.DFC_SRCLowAPP1_C	1x1
DFES_GrpRpr.DFC_SRCLowAPP2_C	1x1
DFES_GrpRpr.DFC_STATFUmax_C	1x1
DFES_GrpRpr.DFC_STATFUmin_C	1x1
DFES_GrpRpr.DFC_STATFUnpl_C	1x1
DFES_GrpRpr.DFC_STHDRmax_C	1x1
DFES_GrpRpr.DFC_SUVRnpl_C	1x1
DFES_GrpRpr.DFC_SUVmax_C	1x1

DFES_GrpRpr.DFC_SWReset_0_C	1x1
DFES_GrpRpr.DFC_SWReset_1_C	1x1
DFES_GrpRpr.DFC_SWReset_2_C	1x1
DFES_GrpRpr.DFC_StopCntTmr_C	1x1
DFES_GrpRpr.DFC_Stsys_trqshutoff_C	1x1
DFES_GrpRpr.DFC_SyncAPP_C	1x1
DFES_GrpRpr.DFC_TACSmax_Dummy_C	1x1
DFES_GrpRpr.DFC_TANKLnpl_C	1x1
DFES_GrpRpr.DFC_TANLESUMmax_Dummy_C	1x1
DFES_GrpRpr.DFC_TANLFmax_Dummy_C	1x1
DFES_GrpRpr.DFC_TARmax_Dummy_C	1x1
DFES_GrpRpr.DFC_TASRESUMmax_Dummy_C	1x1
DFES_GrpRpr.DFC_TASRmax_Dummy_C	1x1
DFES_GrpRpr.DFC_TAmax_Dummy_C	1x1
DFES_GrpRpr.DFC_TESFmax_C	1x1
DFES_GrpRpr.DFC_TESGmax_C	1x1
DFES_GrpRpr.DFC_TESKmax_C	1x1
DFES_GrpRpr.DFC_TESPL_C	1x1
DFES_GrpRpr.DFC_TESmax_C	1x1
DFES_GrpRpr.DFC_TESmin_C	1x1
DFES_GrpRpr.DFC_TEVEmax_C	1x1
DFES_GrpRpr.DFC_TEVEmin_C	1x1
DFES_GrpRpr.DFC_TEVEsig_C	1x1
DFES_GrpRpr.DFC_TKACSmax_C	1x1
DFES_GrpRpr.DFC_TKACSmin_C	1x1
DFES_GrpRpr.DFC_TKAEmax_C	1x1
DFES_GrpRpr.DFC_TKAEmin_C	1x1
DFES_GrpRpr.DFC_TKARmax_C	1x1
DFES_GrpRpr.DFC_TKARnpl_C	1x1
DFES_GrpRpr.DFC_TMmax_C	1x1
DFES_GrpRpr.DFC_TUMPmax_C	1x1
DFES_GrpRpr.DFC_TUMmax_C	1x1
DFES_GrpRpr.DFC_TWCDPriCatB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvClsdPosnFirstOffsLrnImpoB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvClsdPosnOffsLrnImpoB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvClsdPosnOffsLrnMaxB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvClsdPosnOffsLrnMinB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvCtrlDeB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvDycB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvLimpAirPosnMaxAbsltDriftB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvLimpAirPosnMaxB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvLimpAirPosnMaxRelDriftB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvLimpAirPosnMinB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvOpenLoadB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvOpenSprgB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvOpenSprgSprdB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvOverTB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvRetSprgB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvRetSprgSprdB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvSens1MaxB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvSens1NplB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvSens1MaxB1_C	1x1
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DFES_GrpRpr.DFC_ThrVlvSens2MinB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvSens2NplB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvShoCircB1_C	1x1
DFES_GrpRpr.DFC_ThrVlvSpiErrB1_C	1x1
DFES_GrpRpr.DFC_ThrvlvSens1MinB1_C	1x1
DFES_GrpRpr.DFC_TrbChCtrlDeB1_C	1x1
DFES_GrpRpr.DFC_TrbChDycB1_C	1x1
DFES_GrpRpr.DFC_TrbChLvrBrknB1_C	1x1
DFES_GrpRpr.DFC_TrbChOpenLoadB1_C	1x1
DFES_GrpRpr.DFC_TrbChOverTB1_C	1x1
DFES_GrpRpr.DFC_TrbChPrmntFirstOffsLrnMaxB1_C	1x1
DFES_GrpRpr.DFC_TrbChPrmntFirstOffsLrnMinB1_C	1x1
DFES_GrpRpr.DFC_TrbChPrmntOffsLrnMaxB1_C	1x1
DFES_GrpRpr.DFC_TrbChPrmntOffsLrnMinB1_C	1x1
DFES_GrpRpr.DFC_TrbChSens1MaxB1_C	1x1
DFES_GrpRpr.DFC_TrbChSens1MinB1_C	1x1
DFES_GrpRpr.DFC_TrbChShoCircB1_C	1x1
DFES_GrpRpr.DFC_TrbChSpiErrB1_C	1x1
DFES_GrpRpr.DFC_UEGOHeatrCtlS1B1_C	1x1
DFES_GrpRpr.DFC_UEGOSnsrMntdS1B1_C	1x1
DFES_GrpRpr.DFC_UVSEmax_C	1x1
DFES_GrpRpr.DFC_UVSEmin_C	1x1
DFES_GrpRpr.DFC_UVSEsig_C	1x1
DFES_GrpRpr.DFC_VehVSig_C	1x1
DFES_GrpRpr.DFC_VlvLftExh1max_C	1x1
DFES_GrpRpr.DFC_VlvLftExh1min_C	1x1
DFES_GrpRpr.DFC_VlvLftExh1sig_C	1x1
DFES_MeterOut.DFC_ATRlyStkOffErr_C	1x1
DFES_MeterOut.DFC_ATRlyStkOnErr_C	1x1
DFES_MeterOut.DFC_AltIOACGFailr_C	1x1
DFES_MeterOut.DFC_AltIOACGHiVltg_C	1x1
DFES_MeterOut.DFC_AltIOACGLoVltg_C	1x1
DFES_MeterOut.DFC_AltIOACGTHi_C	1x1
DFES_MeterOut.DFC_AltIODConnACG_C	1x1
DFES_MeterOut.DFC_BrkBstPDriftHiErr_C	1x1
DFES_MeterOut.DFC_BrkBstPDriftLoErr_C	1x1
DFES_MeterOut.DFC_BrkBstPSnsrStuck_C	1x1
DFES_MeterOut.DFC_BrkMnSwtContOn_C	1x1
DFES_MeterOut.DFC_BrkMnSwtNotStp_C	1x1
DFES_MeterOut.DFC_BrkNpl_C	1x1
DFES_MeterOut.DFC_BrkRdntSwtContOn_C	1x1
DFES_MeterOut.DFC_BrkRdntSwtNotStp_C	1x1
DFES_MeterOut.DFC_Clth3ONStuck_C	1x1
DFES_MeterOut.DFC_Clth4OFFStuck_C	1x1
DFES_MeterOut.DFC_ClthOFFStuck_C	1x1
DFES_MeterOut.DFC_ClthONStuck_C	1x1
DFES_MeterOut.DFC_ClthStkFailInfo_C	1x1

DFES_MeterOut.DFC_ComABSWrn_C	1x1
DFES_MeterOut.DFC_ComACCAChksum_C	1x1
DFES_MeterOut.DFC_ComACCADLC_C	1x1
DFES_MeterOut.DFC_ComACCARingCnt_C	1x1
DFES_MeterOut.DFC_ComACCATOut_C	1x1
DFES_MeterOut.DFC_ComACCBChkSum_C	1x1
DFES_MeterOut.DFC_ComACCBRingCnt_C	1x1
DFES_MeterOut.DFC_ComACCBTOut_C	1x1
DFES_MeterOut.DFC_ComACCChkSum_C	1x1
DFES_MeterOut.DFC_ComACCRingCnt_C	1x1
DFES_MeterOut.DFC_ComACCTOut_C	1x1
DFES_MeterOut.DFC_ComACFailInfo_C	1x1
DFES_MeterOut.DFC_ComADSChkSum_C	1x1
DFES_MeterOut.DFC_ComADSRingCnt_C	1x1
DFES_MeterOut.DFC_ComADSTOut_C	1x1
DFES_MeterOut.DFC_ComATErr4_C	1x1
DFES_MeterOut.DFC_ComATGearInfoErr_C	1x1
DFES_MeterOut.DFC_ComATISS_C	1x1
DFES_MeterOut.DFC_ComAWDChksum_C	1x1
DFES_MeterOut.DFC_ComAWDMechFail_C	1x1
DFES_MeterOut.DFC_ComAWDRingCnt_C	1x1
DFES_MeterOut.DFC_ComAWDTOut_C	1x1
DFES_MeterOut.DFC_ComAYCAChksum_C	1x1
DFES_MeterOut.DFC_ComAYCARingCnt_C	1x1
DFES_MeterOut.DFC_ComAYCATOut_C	1x1
DFES_MeterOut.DFC_ComAYCBChkSum_C	1x1
DFES_MeterOut.DFC_ComAYCBRingCnt_C	1x1
DFES_MeterOut.DFC_ComAYCBTOut_C	1x1
DFES_MeterOut.DFC_ComAYCCtlErr_C	1x1
DFES_MeterOut.DFC_ComAYCDChkSum_C	1x1
DFES_MeterOut.DFC_ComAYCDTOut_C	1x1
DFES_MeterOut.DFC_ComAYCFChksum_C	1x1
DFES_MeterOut.DFC_ComAYCFCtlErr_C	1x1
DFES_MeterOut.DFC_ComAYCFRingCnt_C	1x1
DFES_MeterOut.DFC_ComAYCFTOut_C	1x1
DFES_MeterOut.DFC_ComAirEnvT_C	1x1
DFES_MeterOut.DFC_ComApcChksum_C	1x1
DFES_MeterOut.DFC_ComApcRingCnt_C	1x1
DFES_MeterOut.DFC_ComApcTOut_C	1x1
DFES_MeterOut.DFC_ComBB10TOut_C	1x1
DFES_MeterOut.DFC_ComBB1TOut_C	1x1
DFES_MeterOut.DFC_ComBB2TOut_C	1x1
DFES_MeterOut.DFC_ComCANABusOffErr_C	1x1
DFES_MeterOut.DFC_ComCANBBusOffErr_C	1x1
DFES_MeterOut.DFC_ComCANCBusOffErr_C	1x1
DFES_MeterOut.DFC_ComConvBoostErr_C	1x1
DFES_MeterOut.DFC_ComDCDCInpErr1_C	1x1
DFES_MeterOut.DFC_ComDCDCInpErr2_C	1x1
DFES_MeterOut.DFC_ComDCDCIntErr_C	1x1
DFES_MeterOut.DFC_ComDCDCOutpErr1_C	1x1
DFES_MeterOut.DFC_ComDCDCOutpErr2_C	1x1
DFES_MeterOut.DFC_ComDCDCTempWarn1_C	1x1
DFES_MeterOut.DFC_ComDCDCTempWarn2_C	1x1
DFES_MeterOut.DFC_ComEAT10Chksum_C	1x1
DFES_MeterOut.DFC_ComEAT10RingCnt_C	1x1
DFES_MeterOut.DFC_ComEAT10TOut_C	1x1
DFES_MeterOut.DFC_ComEAT2ChkSum_C	1x1
DFES_MeterOut.DFC_ComEAT2RingCnt_C	1x1
DFES_MeterOut.DFC_ComEAT2TOut_C	1x1
DFES_MeterOut.DFC_ComEAT4ChkSum_C	1x1
DFES_MeterOut.DFC_ComEAT4RingCnt_C	1x1
DFES_MeterOut.DFC_ComEAT4TOut_C	1x1
DFES_MeterOut.DFC_ComEAT5ChkSum_C	1x1
DFES_MeterOut.DFC_ComEAT5RingCnt_C	1x1
DFES_MeterOut.DFC_ComEAT5TOut_C	1x1
DFES_MeterOut.DFC_ComEAT6Chksum_C	1x1
DFES_MeterOut.DFC_ComEAT6RingCnt_C	1x1
DFES_MeterOut.DFC_ComEAT6TOut_C	1x1
DFES_MeterOut.DFC_ComEAT9Chksum_C	1x1
DFES_MeterOut.DFC_ComEAT9RingCnt_C	1x1
DFES_MeterOut.DFC_ComEAT9TOut_C	1x1
DFES_MeterOut.DFC_ComEATAChksum_C	1x1
DFES_MeterOut.DFC_ComEATARingCnt_C	1x1
DFES_MeterOut.DFC_ComEATATOut_C	1x1
DFES_MeterOut.DFC_ComEATBChkSum_C	1x1
DFES_MeterOut.DFC_ComEATBRingCnt_C	1x1
DFES_MeterOut.DFC_ComEATBTOut_C	1x1
DFES_MeterOut.DFC_ComEATErr_C	1x1
DFES_MeterOut.DFC_ComEBSSelfDiagErr_C	1x1
DFES_MeterOut.DFC_ComEPBChksum_C	1x1
DFES_MeterOut.DFC_ComEPBTOut_C	1x1
DFES_MeterOut.DFC_ComEPBctRing_C	1x1
DFES_MeterOut.DFC_ComEPS1Chksum_C	1x1
DFES_MeterOut.DFC_ComEPS1RingCnt_C	1x1
DFES_MeterOut.DFC_ComEPS1TOut_C	1x1
DFES_MeterOut.DFC_ComEPSChksum_C	1x1
DFES_MeterOut.DFC_ComEPSRingCnt_C	1x1
DFES_MeterOut.DFC_ComEPSTOut_C	1x1
DFES_MeterOut.DFC_ComEVPChksum_C	1x1
DFES_MeterOut.DFC_ComEVPRingCnt_C	1x1
DFES_MeterOut.DFC_ComEVPTOut_C	1x1
DFES_MeterOut.DFC_ComIDASBChksum_C	1x1
DFES_MeterOut.DFC_ComIDASBRingCnt_C	1x1
DFES_MeterOut.DFC_ComIDASBTOut_C	1x1
DFES_MeterOut.DFC_ComISSPrms_C	1x1
DFES_MeterOut.DFC_ComMETAChksum_C	1x1
DFES_MeterOut.DFC_ComMETARingCnt_C	1x1
DFES_MeterOut.DFC_ComMETATOut_C	1x1
DFES_MeterOut.DFC_ComMETBChksum_C	1x1

DFES_MeterOut.DFC_ComMETBRingCnt_C	1x1
DFES_MeterOut.DFC_ComMETBTOut_C	1x1
DFES_MeterOut.DFC_ComMETCChksum_C	1x1
DFES_MeterOut.DFC_ComMETCRingCnt_C	1x1
DFES_MeterOut.DFC_ComMETCTOut_C	1x1
DFES_MeterOut.DFC_ComMETDChksum_C	1x1
DFES_MeterOut.DFC_ComMETDRingCnt_C	1x1
DFES_MeterOut.DFC_ComMETDTOut_C	1x1
DFES_MeterOut.DFC_ComMETE2Chksum_C	1x1
DFES_MeterOut.DFC_ComMETE2RingCnt_C	1x1
DFES_MeterOut.DFC_ComMETE2TOut_C	1x1
DFES_MeterOut.DFC_ComMETEChksum_C	1x1
DFES_MeterOut.DFC_ComMETERingCnt_C	1x1
DFES_MeterOut.DFC_ComMETETOut_C	1x1
DFES_MeterOut.DFC_ComMETFChksum_C	1x1
DFES_MeterOut.DFC_ComMETFRingCnt_C	1x1
DFES_MeterOut.DFC_ComMETFTOut_C	1x1
DFES_MeterOut.DFC_ComMETGChksum_C	1x1
DFES_MeterOut.DFC_ComMETGRingCnt_C	1x1
DFES_MeterOut.DFC_ComMETGTOut_C	1x1
DFES_MeterOut.DFC_ComMETH2Chksum_C	1x1
DFES_MeterOut.DFC_ComMETH2RingCnt_C	1x1
DFES_MeterOut.DFC_ComMETH2TOut_C	1x1
DFES_MeterOut.DFC_ComMETHChksum_C	1x1
DFES_MeterOut.DFC_ComMETHRingCnt_C	1x1
DFES_MeterOut.DFC_ComMETHTOut_C	1x1
DFES_MeterOut.DFC_ComMETIChksum_C	1x1
DFES_MeterOut.DFC_ComMETIRingCnt_C	1x1
DFES_MeterOut.DFC_ComMETITOut_C	1x1
DFES_MeterOut.DFC_ComMETKChksum_C	1x1
DFES_MeterOut.DFC_ComMETKRingCnt_C	1x1
DFES_MeterOut.DFC_ComMETKTOut_C	1x1
DFES_MeterOut.DFC_ComMETLChksum_C	1x1
DFES_MeterOut.DFC_ComMETLRingCnt_C	1x1
DFES_MeterOut.DFC_ComMETLTOut_C	1x1
DFES_MeterOut.DFC_ComMETMChksum_C	1x1
DFES_MeterOut.DFC_ComMETMRingCnt_C	1x1
DFES_MeterOut.DFC_ComMETMTOut_C	1x1
DFES_MeterOut.DFC_ComMETNChksum_C	1x1
DFES_MeterOut.DFC_ComMETNRingCnt_C	1x1
DFES_MeterOut.DFC_ComMETNTOut_C	1x1
DFES_MeterOut.DFC_ComMtrCom_C	1x1
DFES_MeterOut.DFC_ComMtrEva_C	1x1
DFES_MeterOut.DFC_ComPCUChkSum_C	1x1
DFES_MeterOut.DFC_ComPCURingCnt_C	1x1
DFES_MeterOut.DFC_ComPCUTOut_C	1x1
DFES_MeterOut.DFC_ComSRSAChksum_C	1x1
DFES_MeterOut.DFC_ComSRSARingCnt_C	1x1
DFES_MeterOut.DFC_ComSRSATOut_C	1x1
DFES_MeterOut.DFC_ComSRSActive_C	1x1
DFES_MeterOut.DFC_ComSRSBChksum_C	1x1
DFES_MeterOut.DFC_ComSRSBRingCnt_C	1x1
DFES_MeterOut.DFC_ComSRSBTOut_C	1x1
DFES_MeterOut.DFC_ComSRSChksum_C	1x1
DFES_MeterOut.DFC_ComSRSErr_C	1x1
DFES_MeterOut.DFC_ComSRSRingCnt_C	1x1
DFES_MeterOut.DFC_ComSRSTOut_C	1x1
DFES_MeterOut.DFC_ComSWTCH1AlvCnt_C	1x1
DFES_MeterOut.DFC_ComSWTCH1Chksum_C	1x1
DFES_MeterOut.DFC_ComSWTCH1TOut_C	1x1
DFES_MeterOut.DFC_ComTqCnvrSlipErr_C	1x1
DFES_MeterOut.DFC_Cy150SpiCom_C	1x1
DFES_MeterOut.DFC_Cy327SpiCom_C	1x1
DFES_MeterOut.DFC_EbsChartcCurrErr_C	1x1
DFES_MeterOut.DFC_EbsSelfDiagErr_C	1x1
DFES_MeterOut.DFC_ElecLdSRCMax_C	1x1
DFES_MeterOut.DFC_ElecLdSRCMin_C	1x1
DFES_MeterOut.DFC_EnvTDef_C	1x1
DFES_MeterOut.DFC_EnvTSig_C	1x1
DFES_MeterOut.DFC_GEVlvPhaPsOpenLoadIntkB1_C	1x1
DFES_MeterOut.DFC_GEVlvPhaPsOpenLoadOutlB1_C	1x1
DFES_MeterOut.DFC_GEVlvPhaPsShoToBattIntkB1_C	1x1
DFES_MeterOut.DFC_GEVlvPhaPsShoToBattOutlB1_C	1x1
DFES_MeterOut.DFC_GEVlvPhaPsShoToGndIntkB1_C	1x1
DFES_MeterOut.DFC_GEVlvPhaPsShoToGndOutlB1_C	1x1
DFES_MeterOut.DFC_GbxAlvChk_C	1x1
DFES_MeterOut.DFC_GbxNPos1SRCMax_C	1x1
DFES_MeterOut.DFC_GbxNPos1SRCMin_C	1x1
DFES_MeterOut.DFC_GbxNPos2SRCMax_C	1x1
DFES_MeterOut.DFC_GbxNPos2SRCMin_C	1x1
DFES_MeterOut.DFC_GbxNPosCorrIn_C	1x1
DFES_MeterOut.DFC_GbxRevLckOL_C	1x1
DFES_MeterOut.DFC_GbxRevLckOt_C	1x1
DFES_MeterOut.DFC_GbxRevLckSCB_C	1x1
DFES_MeterOut.DFC_GbxRevLckSCG_C	1x1
DFES_MeterOut.DFC_GbxSleepErr_C	1x1
DFES_MeterOut.DFC_GbxSpdPlausErr_C	1x1
DFES_MeterOut.DFC_LinCSErrACG_C	1x1
DFES_MeterOut.DFC_LinCSErrDCDC_C	1x1
DFES_MeterOut.DFC_LinCSErrEBS_C	1x1
DFES_MeterOut.DFC_LinFrameErrACG_C	1x1
DFES_MeterOut.DFC_LinFrameErrDCDC_C	1x1
DFES_MeterOut.DFC_LinFrameErrEBS_C	1x1
DFES_MeterOut.DFC_LinHdrTimeoutErrACG_C	1x1
DFES_MeterOut.DFC_LinHdrTimeoutErrDCDC_C	1x1
DFES_MeterOut.DFC_LinHdrTimeoutErrEBS_C	1x1
DFES_MeterOut.DFC_LinMsgTimeoutErrACG_C	1x1
DFES_MeterOut.DFC_LinMsgTimeoutErrDCDC_C	1x1
DFES_MeterOut.DFC_LinMsgTimeoutErrEBS_C	1x1

DFES_MeterOut.DFC_LinNoStrtComErr_C	1x1
DFES_MeterOut.DFC_LinOverrunErrACG_C	1x1
DFES_MeterOut.DFC_LinOverrunErrDCDC_C	1x1
DFES_MeterOut.DFC_LinOverrunErrEBS_C	1x1
DFES_MeterOut.DFC_LinParityErr_C	1x1
DFES_MeterOut.DFC_LowPresOilP_C	1x1
DFES_MeterOut.DFC_METCSum_C	1x1
DFES_MeterOut.DFC_METctRing_C	1x1
DFES_MeterOut.DFC_METtiDeb_C	1x1
DFES_MeterOut.DFC_MisfDetdVWhlFrntLePlaus_C	1x1
DFES_MeterOut.DFC_MisfDetdVWhlFrntRiPlaus_C	1x1
DFES_MeterOut.DFC_MisfDetdVWhlReLePlaus_C	1x1
DFES_MeterOut.DFC_MisfDetdVWhlReRiPlaus_C	1x1
DFES_MeterOut.DFC_MonUMaxSupply1_C	1x1
DFES_MeterOut.DFC_MonUMinSupply1_C	1x1
DFES_MeterOut.DFC_OilAbnormErr_C	1x1
DFES_MeterOut.DFC_OilErr_C	1x1
DFES_MeterOut.DFC_PEnvSigRngMax_C	1x1
DFES_MeterOut.DFC_PEnvSigRngMin_C	1x1
DFES_MeterOut.DFC_Pmd_PeriMon_C	1x1
DFES_MeterOut.DFC_SSpMon1_C	1x1
DFES_MeterOut.DFC_SSpMon1OV_C	1x1
DFES_MeterOut.DFC_SSpMon1SCG_C	1x1
DFES_MeterOut.DFC_SSpMon1UV_C	1x1
DFES_MeterOut.DFC_SSpMon2_C	1x1
DFES_MeterOut.DFC_SSpMon2OV_C	1x1
DFES_MeterOut.DFC_SSpMon2SCG_C	1x1
DFES_MeterOut.DFC_SSpMon2UV_C	1x1
DFES_MeterOut.DFC_SSpMon3_C	1x1
DFES_MeterOut.DFC_SSpMon3OV_C	1x1
DFES_MeterOut.DFC_SSpMon3SCG_C	1x1
DFES_MeterOut.DFC_SSpMon3UV_C	1x1
DFES_MeterOut.DFC_StmFault_C	1x1
DFES_MeterOut.DFC_StrtCtOffPth_C	1x1
DFES_MeterOut.DFC_StrtCtlErr_C	1x1
DFES_MeterOut.DFC_StrtFault_C	1x1
DFES_MeterOut.DFC_StrtLckJudg1_C	1x1
DFES_MeterOut.DFC_StrtLckJudg2_C	1x1
DFES_MeterOut.DFC_StrtOL_C	1x1
DFES_MeterOut.DFC_StrtOL2_C	1x1
DFES_MeterOut.DFC_StrtSCB_C	1x1
DFES_MeterOut.DFC_StrtSCB2_C	1x1
DFES_MeterOut.DFC_StrtSCG_C	1x1
DFES_MeterOut.DFC_StrtSCG2_C	1x1
DFES_MeterOut.DFC_StrtStkRly1_C	1x1
DFES_MeterOut.DFC_StrtStkRly2_C	1x1
DFES_MeterOut.DFC_T50OL_C	1x1
DFES_MeterOut.DFC_VehVAllPlaus_C	1x1
DFES_MeterOut.DFC_VehVPlausCan_C	1x1
DFES_MeterOut.DFC_VehVPlausFco_C	1x1
DFES_MeterOut.DFC_VehVPlausPwr_C	1x1
DFES_MeterOut.DFC_VehVPlausV2N_C	1x1
DFES_MeterOut.DFC_CithMax_C	1x1
DFES_MeterOut.DFC_IgnClPsDevIdentErr1_C	1x1
DFES_MeterOut.DFC_IgnClPsDevSpiErr1_C	1x1
DFES_MeterOut.DFC_IgnClPsOpenLoad0_C	1x1
DFES_MeterOut.DFC_IgnClPsOpenLoad1_C	1x1
DFES_MeterOut.DFC_IgnClPsOpenLoad2_C	1x1
DFES_MeterOut.DFC_IgnClPsOpenLoad3_C	1x1
DFES_MeterOut.DFC_IgnClPsShCirBatt0_C	1x1
DFES_MeterOut.DFC_IgnClPsShCirBatt1_C	1x1
DFES_MeterOut.DFC_IgnClPsShCirBatt2_C	1x1
DFES_MeterOut.DFC_IgnClPsShCirBatt3_C	1x1
DFES_MeterOut.DFC_IgnClPsShCirGnd0_C	1x1
DFES_MeterOut.DFC_IgnClPsShCirGnd1_C	1x1
DFES_MeterOut.DFC_IgnClPsShCirGnd2_C	1x1
DFES_MeterOut.DFC_IgnClPsShCirGnd3_C	1x1
DFES_MeterOut.DFC_KRVEKOEVAB_C	1x1
DFES_MeterOut.DFC_KRVEKOEVAB0_C	1x1
DFES_MeterOut.DFC_KRVEKOEVAB1_C	1x1
DFES_MeterOut.DFC_KRVEKOEVAB2_C	1x1
DFES_MeterOut.DFC_KRVEKOEVAB3_C	1x1
DFES_MeterOut.DFC_MfPsNonPlausible_C	1x1
DFES_MeterOut.DFC_T50RetOL_C	1x1
DFES_MeterOut.DFC_T50RetSCB_C	1x1
DFES_MeterOut.DFC_T50SCB_C	1x1
DFES_MeterOut.DFC_UEGOASICS1B1_C	1x1
DFES_MeterOut.DFC_UEGOOLIPES1B1_C	1x1
DFES_MeterOut.DFC_UEGOOLRES1B1_C	1x1
DFES_MeterOut.DFC_UEGOSCBS1B1_C	1x1
DFES_MeterOut.DFC_UEGOSCGS1B1_C	1x1
DFES_MeterOut.DFC_UEGOSPIS1B1_C	1x1
DFES_MeterOut.DFC_UEGOSnsrS1B1_C	1x1
DFES_MeterOut.DFC_UegoOlApesS1B1_C	1x1
DFES_MeterOut.DFC_UegoOlRCmpS1B1_C	1x1
DFES_MeterOut.DFC_AirCCmprOL_C	1x1
DFES_MeterOut.DFC_AirCCmprOvrTemp_C	1x1
DFES_MeterOut.DFC_AirCCmprSCB_C	1x1
DFES_MeterOut.DFC_AirCCmprSCG_C	1x1
DFES_MeterOut.DFC_AltErr_C	1x1
DFES_MeterOut.DFC_BattUSRCMax_C	1x1
DFES_MeterOut.DFC_BattUSRCMin_C	1x1
DFES_MeterOut.DFC_DevLibBattUHi_C	1x1
DFES_MeterOut.DFC_DevLibBattULo_C	1x1
DFES_MeterOut.DFC_FanDIOOL_0_C	1x1
DFES_MeterOut.DFC_FanDIOOL_1_C	1x1
DFES_MeterOut.DFC_FanDIOOvrTemp_0_C	1x1
DFES_MeterOut.DFC_FanDIOOvrTemp_1_C	1x1
DFES_MeterOut.DFC_FanDIOSCB_0_C	1x1

DFES_MeterOut.DFC_FanDIOSCB_1_C	1x1
DFES_MeterOut.DFC_FanDIOSCG_0_C	1x1
DFES_MeterOut.DFC_FanDIOSCG_1_C	1x1
DFES_MeterOut.DFC_PSPOL_C	1x1
DFES_MeterOut.DFC_PSPOvrTemp_C	1x1
DFES_MeterOut.DFC_PSPSCB_C	1x1
DFES_MeterOut.DFC_PSPSCG_C	1x1
DFES_MeterOut.DFC_VehVSclOutOL_C	1x1
DFES_MeterOut.DFC_VehVSclOutOT_C	1x1
DFES_MeterOut.DFC_VehVSclOutSCB_C	1x1
DFES_MeterOut.DFC_VehVSclOutSCG_C	1x1
DFES_MeterOut.DFC_VehVSigFL_C	1x1
DFES_MeterOut.DFC_VehVSigFR_C	1x1
DFES_MeterOut.DFC_VehVSigRL_C	1x1
DFES_MeterOut.DFC_VehVSigRR_C	1x1
DFES_MeterOut.DFC_VlvLftFbSwtExh11SpclFail_C	1x1
DFES_MeterOut.DFC_VlvLftFbSwtExh11StdFail_C	1x1
DFES_MeterOut.DFC_DHFHD_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_NoLd_0_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_NoLd_1_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_NoLd_2_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_NoLd_3_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_ScBnk_0_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_ScBnk_1_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_ScBnk_2_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_ScBnk_3_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_ScCyl_0_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_ScCyl_1_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_ScCyl_2_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_ScCyl_3_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_ScHsLs_0_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_ScHsLs_1_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_ScHsLs_2_C	1x1
DFES_MeterOut.DFC_InjVlv_DI_ScHsLs_3_C	1x1
DFES_MeterOut.DFC_MfPsDiaOpenLoad1_C	1x1
DFES_MeterOut.DFC_MfPsDiaScHiS1_C	1x1
DFES_MeterOut.DFC_MfPsDiaScHiSLowS1_C	1x1
DFES_MeterOut.DFC_MfPsDiaScLowS1_C	1x1
DFES_MeterOut.DFC_MfPsOpenLoad_C	1x1
DFES_MeterOut.DFC_MfPsShCirBattLowSide_C	1x1
DFES_MeterOut.DFC_MfPsShCirGndLowSide_C	1x1
DFES_MeterOut.DFC_ACEvpTPhysRngHi_C	1x1
DFES_MeterOut.DFC_ACEvpTPhysRngLo_C	1x1
DFES_MeterOut.DFC_ACEvpTSRCMax_C	1x1
DFES_MeterOut.DFC_ACEvpTSRCMin_C	1x1
DFES_MeterOut.DFC_AirCClntPAnaSRCMax_C	1x1
DFES_MeterOut.DFC_AirCClntPAnaSRCMin_C	1x1
DFES_MeterOut.DFC_AirCSwtNpl_C	1x1
DFES_MeterOut.DFC_AirCSwtSig_C	1x1
DFES_MeterOut.DFC_Brk_C	1x1
DFES_MeterOut.DFC_BrkBstSensSCB_C	1x1
DFES_MeterOut.DFC_BrkBstSensSCG_C	1x1
DFES_MeterOut.DFC_BrkPPhysRngHi_C	1x1
DFES_MeterOut.DFC_BrkPPhysRngLo_C	1x1
DFES_MeterOut.DFC_BrkSig_C	1x1
DFES_MeterOut.DFC_ClthSig_C	1x1
DFES_MeterOut.DFC_EngSpdOL_C	1x1
DFES_MeterOut.DFC_EngSpdOT_C	1x1
DFES_MeterOut.DFC_EngSpdSCB_C	1x1
DFES_MeterOut.DFC_EngSpdSCG_C	1x1
DFES_MeterOut.DFC_GbxNPosSig_C	1x1
DFES_MeterOut.DFC_HLSDemOvhtEngLim_C	1x1
DFES_MeterOut.DFC_OilPSwmpSRCMax_C	1x1
DFES_MeterOut.DFC_OilPSwmpSRCMin_C	1x1
DFES_MeterOut.DFC_VehVPhysRngHi_C	1x1
DFES_MeterOut.DFC_VehVPhysRngLo_C	1x1
DFES_MeterOut.DFC_VehVSigCan_C	1x1
DFES_MeterOut.DFC_VehVSigCanSafe_C	1x1
DFES_MeterOut.DFC_ClthNpl_C	1x1
DFES_MeterOut.DFC_MRlySCG_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlFrntLeOORHi_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlFrntLeRatyHi_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlFrntLeRatyLo_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlFrntLeStuck_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlFrntRiOORHi_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlFrntRiRatyHi_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlFrntRiRatyLo_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlFrntRiStuck_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlReLeOORHi_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlReLeRatyHi_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlReLeRatyLo_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlReLeStuck_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlReRiOORHi_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlReRiRatyHi_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlReRiRatyLo_C	1x1
DFES_MeterOut.DFC_MisfDetVWhlReRiStuck_C	1x1
DFES_MeterOut.DFC_PEnvCcMax_C	1x1
DFES_MeterOut.DFC_PEnvCcMin_C	1x1
DFES_MeterOut.DFC_PEnvPlausMax_C	1x1
DFES_MeterOut.DFC_PEnvPlausMin_C	1x1
DFES_MeterOut.DFC_PEnvRngChkMax_C	1x1
DFES_MeterOut.DFC_PEnvRngChkMin_C	1x1
DFES_MeterOut.DFC_PEnvSnsrPlaus_C	1x1
DFES_MeterOut.DFC_UEGOHeatrPsS1B1Max_C	1x1
DFES_MeterOut.DFC_UEGOHeatrPsS1B1Min_C	1x1
DFES_MeterOut.DFC_UEGOHeatrPsS1B1Sig_C	1x1
DFES_MeterOut.DFC_UEGOHeatrRlyPsOLS1B1_C	1x1
DFES_MeterOut.DFC_UEGOHeatrRlyPsSCBS1B1_C	1x1
DFES_MeterOut.DFC_UEGOHeatrRlyPsSCGS1B1_C	1x1

DFES_MeterOut.DFC_KnDetSens1PortAMax_C	1x1
DFES_MeterOut.DFC_KnDetSens1PortAMin_C	1x1
DFES_MeterOut.DFC_KnDetSens1PortBMax_C	1x1
DFES_MeterOut.DFC_KnDetSens1PortBMin_C	1x1
DFES_MeterOut.DFC_AFIMRAWZlean_0_C	1x1
DFES_MeterOut.DFC_AFIMRAWZlean_1_C	1x1
DFES_MeterOut.DFC_AFIMRAWZlean_2_C	1x1
DFES_MeterOut.DFC_AFIMRAWZlean_3_C	1x1
DFES_MeterOut.DFC_AFIMRAWZrich_0_C	1x1
DFES_MeterOut.DFC_AFIMRAWZrich_1_C	1x1
DFES_MeterOut.DFC_AFIMRAWZrich_2_C	1x1
DFES_MeterOut.DFC_AFIMRAWZrich_3_C	1x1
DFES_MeterOut.DFC_AFIMRAWlean_C	1x1
DFES_MeterOut.DFC_AFIMRAWrich_C	1x1
DFES_MeterOut.DFC_AFIMZlean_0_C	1x1
DFES_MeterOut.DFC_AFIMZlean_1_C	1x1
DFES_MeterOut.DFC_AFIMZlean_2_C	1x1
DFES_MeterOut.DFC_AFIMZlean_3_C	1x1
DFES_MeterOut.DFC_AFIMZrich_0_C	1x1
DFES_MeterOut.DFC_AFIMZrich_1_C	1x1
DFES_MeterOut.DFC_AFIMZrich_2_C	1x1
DFES_MeterOut.DFC_AFIMZrich_3_C	1x1
DFES_MeterOut.DFC_AFIMlean_C	1x1
DFES_MeterOut.DFC_AFIMrich_C	1x1
DFES_MeterOut.DFC_Clth2ONStuck_C	1x1
DFES_MeterOut.DFC_Clth2ONStuckLdc_C	1x1
DFES_MeterOut.DFC_Clth3ONStuckLdc_C	1x1
DFES_MeterOut.DFC_Clth3ONStuckPostDrv_C	1x1
DFES_MeterOut.DFC_Clth4ONStuck_C	1x1
DFES_MeterOut.DFC_Clth4ONStuckLdc_C	1x1
DFES_MeterOut.DFC_DSTDmax_C	1x1
DFES_MeterOut.DFC_DYLSUmin_C	1x1
DFES_MeterOut.DFC_EEPEraseErr_C	1x1
DFES_MeterOut.DFC_EbsSocFlt_C	1x1
DFES_MeterOut.DFC_EepShdw_C	1x1
DFES_MeterOut.DFC_EngPrtTMFWShOff_C	1x1
DFES_MeterOut.DFC_I14229VINErr_C	1x1
DFES_MeterOut.DFC_InjCatHeatgErr_C	1x1
DFES_MeterOut.DFC_LLRHmax_C	1x1
DFES_MeterOut.DFC_LLRHmin_C	1x1
DFES_MeterOut.DFC_LLRHnpl_C	1x1
DFES_MeterOut.DFC_LLRKHmax_C	1x1
DFES_MeterOut.DFC_LLRKHmin_C	1x1
DFES_MeterOut.DFC_LLRKHnpl_C	1x1
DFES_MeterOut.DFC_OilPlausErr_C	1x1
DFES_MeterOut.DFC_RoughRoad_C	1x1
DFES_MeterOut.DFC_SiaEEPRdErr_C	1x1
DFES_MeterOut.DFC_SiaEEPWrngCod_C	1x1
DFES_MeterOut.DFC_Tprot_Rttp_Err_C	1x1
DFES_MeterOut.DFC_UegoDummy_C	1x1
DFES_MeterOut.DFC_VehVMax_C	1x1
DFES_MeterOut.DFC_VehVPlaus_C	1x1
DFES_MeterOut.DFC_AAVEmax_C	1x1
DFES_MeterOut.DFC_AAVEmin_C	1x1
DFES_MeterOut.DFC_AAVEsig_C	1x1
DFES_MeterOut.DFC_AAVmin_C	1x1
DFES_MeterOut.DFC_BBKRnldg_C	1x1
DFES_MeterOut.DFC_BBKRsyne_C	1x1
DFES_MeterOut.DFC_BigLeakIntkMnfldEmiInfl_C	1x1
DFES_MeterOut.DFC_BrkMnSwtContOnWarnLmp_C	1x1
DFES_MeterOut.DFC_BrkMnSwtNotStpWarnLmp_C	1x1
DFES_MeterOut.DFC_BrkRdntSwtContOnWarnLmp_C	1x1
DFES_MeterOut.DFC_BrkRdntSwtNotStpWarnLmp_C	1x1
DFES_MeterOut.DFC_CEngDsTColdStrtMax_C	1x1
DFES_MeterOut.DFC_CEngDsTColdStrtMin_C	1x1
DFES_MeterOut.DFC_CEngDsTImps_C	1x1
DFES_MeterOut.DFC_CEngDsTPlausHSC_C	1x1
DFES_MeterOut.DFC_CEngDsTPlausLSC_C	1x1
DFES_MeterOut.DFC_CEngDsTPlausSTC_C	1x1
DFES_MeterOut.DFC_CEngDsTSRCMax_C	1x1
DFES_MeterOut.DFC_CEngDsTSRCMin_C	1x1
DFES_MeterOut.DFC_CEngDsTSig_C	1x1
DFES_MeterOut.DFC_CEngUsTSRCMax_C	1x1
DFES_MeterOut.DFC_CEngUsTSRCMin_C	1x1
DFES_MeterOut.DFC_CFCmax_C	1x1
DFES_MeterOut.DFC_CILCNMsfMax_0_C	1x1
DFES_MeterOut.DFC_CILCNMsfMax_1_C	1x1
DFES_MeterOut.DFC_CILCNMsfMax_2_C	1x1
DFES_MeterOut.DFC_CILCNMsfMax_3_C	1x1
DFES_MeterOut.DFC_CILCNMsfMaxSum_C	1x1
DFES_MeterOut.DFC_CtT_C	1x1
DFES_MeterOut.DFC_DCDCFltDet_C	1x1
DFES_MeterOut.DFC_DFRMmax_C	1x1
DFES_MeterOut.DFC_DFRMmin_C	1x1
DFES_MeterOut.DFC_DKRSA_C	1x1
DFES_MeterOut.DFC_DKVSmax_C	1x1
DFES_MeterOut.DFC_DKnpl_C	1x1
DFES_MeterOut.DFC_DSKVRmax_C	1x1
DFES_MeterOut.DFC_DSKVRmin_C	1x1
DFES_MeterOut.DFC_DSKVRnpl_C	1x1
DFES_MeterOut.DFC_DSKVRsig_C	1x1
DFES_MeterOut.DFC_DSKVSsig_C	1x1
DFES_MeterOut.DFC_DSKVmax_C	1x1
DFES_MeterOut.DFC_DSKVmin_C	1x1
DFES_MeterOut.DFC_DSKVnpl_C	1x1
DFES_MeterOut.DFC_DSLmax_C	1x1
DFES_MeterOut.DFC_DSSmax_C	1x1
DFES_MeterOut.DFC_DSTEmax_C	1x1
DFES_MeterOut.DFC_DSTEmin_C	1x1

DFES_MeterOut.DFC_DSTRmax_C	1x1
DFES_MeterOut.DFC_DSTRmin_C	1x1
DFES_MeterOut.DFC_DSTRnpl_C	1x1
DFES_MeterOut.DFC_DSTRsig_C	1x1
DFES_MeterOut.DFC_DSTTI_C	1x1
DFES_MeterOut.DFC_DSTmax_C	1x1
DFES_MeterOut.DFC_DSUmax_C	1x1
DFES_MeterOut.DFC_EEPRdErr_C	1x1
DFES_MeterOut.DFC_EEPWrErr_C	1x1
DFES_MeterOut.DFC_EGFEmax_C	1x1
DFES_MeterOut.DFC_EGFEmin_C	1x1
DFES_MeterOut.DFC_EGSDUS2B1LtrDly_C	1x1
DFES_MeterOut.DFC_EGSDUS2B1LtrPT1_C	1x1
DFES_MeterOut.DFC_EGSDUS2B1RtlDly_C	1x1
DFES_MeterOut.DFC_EGSDUS2B1RtlPT1_C	1x1
DFES_MeterOut.DFC_EGSDUS2B1TarLean_C	1x1
DFES_MeterOut.DFC_EGSDUS2B1TarRich_C	1x1
DFES_MeterOut.DFC_EONVmax_C	1x1
DFES_MeterOut.DFC_ETAKHLmax_C	1x1
DFES_MeterOut.DFC_ETAKHTmax_C	1x1
DFES_MeterOut.DFC_EngPrtOvrSpdMon_C	1x1
DFES_MeterOut.DFC_EnvTMBCMax_C	1x1
DFES_MeterOut.DFC_EnvTMBCMin_C	1x1
DFES_MeterOut.DFC_EnvTPRCMax_C	1x1
DFES_MeterOut.DFC_EnvTPRCMin_C	1x1
DFES_MeterOut.DFC_EpmCaSI1ErrSig_C	1x1
DFES_MeterOut.DFC_EpmCaSI1MntErr_C	1x1
DFES_MeterOut.DFC_EpmCaSI1NoSigMax_C	1x1
DFES_MeterOut.DFC_EpmCaSI1NoSigMin_C	1x1
DFES_MeterOut.DFC_EpmCaSI1OfsErr_C	1x1
DFES_MeterOut.DFC_EpmCaSO1ErrSig_C	1x1
DFES_MeterOut.DFC_EpmCaSO1MntErr_C	1x1
DFES_MeterOut.DFC_EpmCaSO1NoSigMax_C	1x1
DFES_MeterOut.DFC_EpmCaSO1NoSigMin_C	1x1
DFES_MeterOut.DFC_EpmCaSO1OfsErr_C	1x1
DFES_MeterOut.DFC_EpmCrSDGI_C	1x1
DFES_MeterOut.DFC_EpmCrSErrSig_C	1x1
DFES_MeterOut.DFC_EpmCrSNoSig_C	1x1
DFES_MeterOut.DFC_FRAmax_C	1x1
DFES_MeterOut.DFC_FRAmin_C	1x1
DFES_MeterOut.DFC_FSTEmax_C	1x1
DFES_MeterOut.DFC_FSTEmin_C	1x1
DFES_MeterOut.DFC_FSTRmax_C	1x1
DFES_MeterOut.DFC_FSTRmin_C	1x1
DFES_MeterOut.DFC_FSTRnpl_C	1x1
DFES_MeterOut.DFC_FSTmax_C	1x1
DFES_MeterOut.DFC_FTDLAmax_C	1x1
DFES_MeterOut.DFC_FTDLAmin_C	1x1
DFES_MeterOut.DFC_GEVlvLockPinDiagIntkB1_C	1x1
DFES_MeterOut.DFC_GEVlvLockPinDiagOutlB1_C	1x1
DFES_MeterOut.DFC_GEVlvPhaCsersExtdIntkB1_C	1x1
DFES_MeterOut.DFC_GEVlvPhaCsersExtdOutlB1_C	1x1
DFES_MeterOut.DFC_GEVlvPhaCsersIntkB1_C	1x1
DFES_MeterOut.DFC_GEVlvPhaCsersOutlB1_C	1x1
DFES_MeterOut.DFC_GEVlvPhaSlowIntkB1_C	1x1
DFES_MeterOut.DFC_GEVlvPhaSlowOutlB1_C	1x1
DFES_MeterOut.DFC_GEVlvPhaTargIntkB1_C	1x1
DFES_MeterOut.DFC_GEVlvPhaTargOutlB1_C	1x1
DFES_MeterOut.DFC_GbxRvsSwtStk_C	1x1
DFES_MeterOut.DFC_HDRKHmax_C	1x1
DFES_MeterOut.DFC_HDRKHmin_C	1x1
DFES_MeterOut.DFC_HDRPLmax_C	1x1
DFES_MeterOut.DFC_HDRPLmin_C	1x1
DFES_MeterOut.DFC_HDRmax_C	1x1
DFES_MeterOut.DFC_HDRmin_C	1x1
DFES_MeterOut.DFC_HEGOS2B1ElecMax_C	1x1
DFES_MeterOut.DFC_HEGOS2B1ElecMin_C	1x1
DFES_MeterOut.DFC_HEGOS2B1ElecNpl_C	1x1
DFES_MeterOut.DFC_HEGOS2B1ElecSig_C	1x1
DFES_MeterOut.DFC_HEGOS2B1HtgNpl_C	1x1
DFES_MeterOut.DFC_HEGOS2B1HtrPsMax_C	1x1
DFES_MeterOut.DFC_HEGOS2B1HtrPsMin_C	1x1
DFES_MeterOut.DFC_HEGOS2B1HtrPsSig_C	1x1
DFES_MeterOut.DFC_HEV00max_C	1x1
DFES_MeterOut.DFC_HEV01max_C	1x1
DFES_MeterOut.DFC_HEV02max_C	1x1
DFES_MeterOut.DFC_HEV03max_C	1x1
DFES_MeterOut.DFC_HEVE0max_C	1x1
DFES_MeterOut.DFC_HEVE1max_C	1x1
DFES_MeterOut.DFC_HFM1Emax_C	1x1
DFES_MeterOut.DFC_HFM1Emin_C	1x1
DFES_MeterOut.DFC_HFM1Esig_C	1x1
DFES_MeterOut.DFC_HFMEmax_C	1x1
DFES_MeterOut.DFC_HFMRmax_C	1x1
DFES_MeterOut.DFC_HFMRmin_C	1x1
DFES_MeterOut.DFC_HFMRnpl_C	1x1
DFES_MeterOut.DFC_HFMRsig_C	1x1
DFES_MeterOut.DFC_HFMVmax_C	1x1
DFES_MeterOut.DFC_HFMmax_C	1x1
DFES_MeterOut.DFC_IVGdiCtlCvoErrMax_0_C	1x1
DFES_MeterOut.DFC_IVGdiCtlCvoErrMax_1_C	1x1
DFES_MeterOut.DFC_IVGdiCtlCvoErrMax_2_C	1x1
DFES_MeterOut.DFC_IVGdiCtlCvoErrMax_3_C	1x1
DFES_MeterOut.DFC_IVGdiCtlCvoErrMin_0_C	1x1
DFES_MeterOut.DFC_IVGdiCtlCvoErrMin_1_C	1x1
DFES_MeterOut.DFC_IVGdiCtlCvoErrMin_2_C	1x1
DFES_MeterOut.DFC_IVGdiCtlCvoErrMin_3_C	1x1
DFES_MeterOut.DFC_IVGdiCtlCvoErrMinMax_C	1x1
DFES_MeterOut.DFC_IVGdiCtlCvoSigPlausErrSmrCdn_C	1x1

DFES_MeterOut.DFC_IVGdiCtl_CvoErr_C	1x1
DFES_MeterOut.DFC_IVGdiCtl_CvoSigPlaus_0_C	1x1
DFES_MeterOut.DFC_IVGdiCtl_CvoSigPlaus_1_C	1x1
DFES_MeterOut.DFC_IVGdiCtl_CvoSigPlaus_2_C	1x1
DFES_MeterOut.DFC_IVGdiCtl_CvoSigPlaus_3_C	1x1
DFES_MeterOut.DFC_IntkAirTAirFltDsCrssMax_C	1x1
DFES_MeterOut.DFC_IntkAirTAirFltDsCrssMin_C	1x1
DFES_MeterOut.DFC_IntkAirTAirFltDsHSCMax_C	1x1
DFES_MeterOut.DFC_IntkAirTAirFltDsImps_C	1x1
DFES_MeterOut.DFC_IntkAirTAirFltDsPRCMax_C	1x1
DFES_MeterOut.DFC_IntkAirTAirFltDsPRCMin_C	1x1
DFES_MeterOut.DFC_IntkAirTAirFltDsSRCMax_C	1x1
DFES_MeterOut.DFC_IntkAirTAirFltDsSRCMin_C	1x1
DFES_MeterOut.DFC_IntkAirTAirFltDsSTC_C	1x1
DFES_MeterOut.DFC_IntkAirTIntkMnfldCrssMax_C	1x1
DFES_MeterOut.DFC_IntkAirTIntkMnfldCrssMin_C	1x1
DFES_MeterOut.DFC_IntkAirTIntkMnfldHSCMax_C	1x1
DFES_MeterOut.DFC_IntkAirTIntkMnfldImps_C	1x1
DFES_MeterOut.DFC_IntkAirTIntkMnfldPRCMax_C	1x1
DFES_MeterOut.DFC_IntkAirTIntkMnfldPRCMin_C	1x1
DFES_MeterOut.DFC_IntkAirTIntkMnfldSRCMax_C	1x1
DFES_MeterOut.DFC_IntkAirTIntkMnfldSRCMin_C	1x1
DFES_MeterOut.DFC_IntkAirTIntkMnfldSTC_C	1x1
DFES_MeterOut.DFC_KRREGRLMX_C	1x1
DFES_MeterOut.DFC_KRVEKOCVLCI_C	1x1
DFES_MeterOut.DFC_KRVEKOENCHMT_C	1x1
DFES_MeterOut.DFC_KRVEKORLMX_C	1x1
DFES_MeterOut.DFC_KRVEKORLMXL_C	1x1
DFES_MeterOut.DFC_KS1max_C	1x1
DFES_MeterOut.DFC_KS1min_C	1x1
DFES_MeterOut.DFC_LDRRmax_C	1x1
DFES_MeterOut.DFC_LDRRmin_C	1x1
DFES_MeterOut.DFC_LMmax_C	1x1
DFES_MeterOut.DFC_LZSRnpl_C	1x1
DFES_MeterOut.DFC_LamDynDiagS1B1_C	1x1
DFES_MeterOut.DFC_LeakIntkMnfldEmiInfl_C	1x1
DFES_MeterOut.DFC_MD_C	1x1
DFES_MeterOut.DFC_MDBmax_C	1x1
DFES_MeterOut.DFC_MDCatCrit_C	1x1
DFES_MeterOut.DFC_MDCyl_0_C	1x1
DFES_MeterOut.DFC_MDCyl_1_C	1x1
DFES_MeterOut.DFC_MDCyl_2_C	1x1
DFES_MeterOut.DFC_MDCyl_3_C	1x1
DFES_MeterOut.DFC_MDFC_C	1x1
DFES_MeterOut.DFC_MRlyErlyOpng_C	1x1
DFES_MeterOut.DFC_MRlyErlyOpngRng_C	1x1
DFES_MeterOut.DFC_MRlyStk_C	1x1
DFES_MeterOut.DFC_MoCADCNTP_C	1x1
DFES_MeterOut.DFC_MoCADCTst_C	1x1
DFES_MeterOut.DFC_MoCComctErrMM_C	1x1
DFES_MeterOut.DFC_MoFAPP_C	1x1
DFES_MeterOut.DFC_MoFAirFilgPrdc_C	1x1
DFES_MeterOut.DFC_MoFAirFlCtOff_C	1x1
DFES_MeterOut.DFC_MoFAirFlCyl_C	1x1
DFES_MeterOut.DFC_MoFESpd_C	1x1
DFES_MeterOut.DFC_MoFGkc_C	1x1
DFES_MeterOut.DFC_MoFICOL1_C	1x1
DFES_MeterOut.DFC_MoFICOL2_C	1x1
DFES_MeterOut.DFC_MoFModc_C	1x1
DFES_MeterOut.DFC_MoFRlc_C	1x1
DFES_MeterOut.DFC_MoFStrt_C	1x1
DFES_MeterOut.DFC_MoFTrqCmp_C	1x1
DFES_MeterOut.DFC_MoFZwc_C	1x1
DFES_MeterOut.DFC_NWSAmax_C	1x1
DFES_MeterOut.DFC_NWSEmax_C	1x1
DFES_MeterOut.DFC_NWSmax_C	1x1
DFES_MeterOut.DFC_OCWDAActv_C	1x1
DFES_MeterOut.DFC_OCWDACom_C	1x1
DFES_MeterOut.DFC_OCWDAOvrVltg_C	1x1
DFES_MeterOut.DFC_ORAmax_C	1x1
DFES_MeterOut.DFC_ORAmin_C	1x1
DFES_MeterOut.DFC_OilPPlaus_C	1x1
DFES_MeterOut.DFC_PLLSUmax_C	1x1
DFES_MeterOut.DFC_PLLSUmin_C	1x1
DFES_MeterOut.DFC_PSR1max_C	1x1
DFES_MeterOut.DFC_PSRBmax_C	1x1
DFES_MeterOut.DFC_PSRBmin_C	1x1
DFES_MeterOut.DFC_PSRBnpl_C	1x1
DFES_MeterOut.DFC_PSRBsig_C	1x1
DFES_MeterOut.DFC_PSREmax_C	1x1
DFES_MeterOut.DFC_PSREmin_C	1x1
DFES_MeterOut.DFC_PSRPmax_C	1x1
DFES_MeterOut.DFC_PSRPmin_C	1x1
DFES_MeterOut.DFC_PSRPsig_C	1x1
DFES_MeterOut.DFC_PSRmax_C	1x1
DFES_MeterOut.DFC_PUmax_C	1x1
DFES_MeterOut.DFC_PVD1max_C	1x1
DFES_MeterOut.DFC_PVDEmax_C	1x1
DFES_MeterOut.DFC_PVDEmin_C	1x1
DFES_MeterOut.DFC_PVDRmax_C	1x1
DFES_MeterOut.DFC_PVDRmin_C	1x1
DFES_MeterOut.DFC_PVDRnpl_C	1x1
DFES_MeterOut.DFC_PVDRsig_C	1x1
DFES_MeterOut.DFC_PVDmax_C	1x1
DFES_MeterOut.DFC_SRCHighAPP1_C	1x1
DFES_MeterOut.DFC_SRCHighAPP2_C	1x1
DFES_MeterOut.DFC_SRCLowAPP1_C	1x1
DFES_MeterOut.DFC_SRCLowAPP2_C	1x1
DFES_MeterOut.DFC_STATFUmax_C	1x1

DFES_MeterOut.DFC_STATFUmin_C	1x1
DFES_MeterOut.DFC_STATFUnpl_C	1x1
DFES_MeterOut.DFC_STHDRmax_C	1x1
DFES_MeterOut.DFC_SUVRnpl_C	1x1
DFES_MeterOut.DFC_SUVmax_C	1x1
DFES_MeterOut.DFC_SWReset_0_C	1x1
DFES_MeterOut.DFC_SWReset_1_C	1x1
DFES_MeterOut.DFC_SWReset_2_C	1x1
DFES_MeterOut.DFC_StopCntTmr_C	1x1
DFES_MeterOut.DFC_Stsys_trqshutoff_C	1x1
DFES_MeterOut.DFC_SyncAPP_C	1x1
DFES_MeterOut.DFC_TACSmax_Dummy_C	1x1
DFES_MeterOut.DFC_TANKLnpl_C	1x1
DFES_MeterOut.DFC_TANLESUMmax_Dummy_C	1x1
DFES_MeterOut.DFC_TANLFmax_Dummy_C	1x1
DFES_MeterOut.DFC_TARmax_Dummy_C	1x1
DFES_MeterOut.DFC_TASRESUMmax_Dummy_C	1x1
DFES_MeterOut.DFC_TASRmax_Dummy_C	1x1
DFES_MeterOut.DFC_TAmax_Dummy_C	1x1
DFES_MeterOut.DFC_TESFmax_C	1x1
DFES_MeterOut.DFC_TESGmax_C	1x1
DFES_MeterOut.DFC_TESKmax_C	1x1
DFES_MeterOut.DFC_TESPL_C	1x1
DFES_MeterOut.DFC_TESmax_C	1x1
DFES_MeterOut.DFC_TESmin_C	1x1
DFES_MeterOut.DFC_TEVEmax_C	1x1
DFES_MeterOut.DFC_TEVEmin_C	1x1
DFES_MeterOut.DFC_TEVEsig_C	1x1
DFES_MeterOut.DFC_TKACSmax_C	1x1
DFES_MeterOut.DFC_TKACSmin_C	1x1
DFES_MeterOut.DFC_TKAEmax_C	1x1
DFES_MeterOut.DFC_TKAEmin_C	1x1
DFES_MeterOut.DFC_TKARmax_C	1x1
DFES_MeterOut.DFC_TKARnpl_C	1x1
DFES_MeterOut.DFC_TMmax_C	1x1
DFES_MeterOut.DFC_TUMPmax_C	1x1
DFES_MeterOut.DFC_TUMmax_C	1x1
DFES_MeterOut.DFC_TWCDPriCatB1_C	1x1
DFES_MeterOut.DFC_ThrVlvClsdPosnFirstOffsLrnImpoB1_C	1x1
DFES_MeterOut.DFC_ThrVlvClsdPosnOffsLrnImpoB1_C	1x1
DFES_MeterOut.DFC_ThrVlvClsdPosnOffsLrnMaxB1_C	1x1
DFES_MeterOut.DFC_ThrVlvClsdPosnOffsLrnMinB1_C	1x1
DFES_MeterOut.DFC_ThrVlvCtrlDeB1_C	1x1
DFES_MeterOut.DFC_ThrVlvDycB1_C	1x1
DFES_MeterOut.DFC_ThrVlvLimpAirPosnMaxAbsltDriftB1_C	1x1
DFES_MeterOut.DFC_ThrVlvLimpAirPosnMaxB1_C	1x1
DFES_MeterOut.DFC_ThrVlvLimpAirPosnMaxRelDriftB1_C	1x1
DFES_MeterOut.DFC_ThrVlvLimpAirPosnMinB1_C	1x1
DFES_MeterOut.DFC_ThrVlvOpenLoadB1_C	1x1
DFES_MeterOut.DFC_ThrVlvOpenSprgB1_C	1x1
DFES_MeterOut.DFC_ThrVlvOpenSprgSprdB1_C	1x1
DFES_MeterOut.DFC_ThrVlvOpenSprgB1_C	1x1
DFES_MeterOut.DFC_ThrVlvOpenSprgSprdB1_C	1x1
DFES_MeterOut.DFC_ThrVlvOverTB1_C	1x1
DFES_MeterOut.DFC_ThrVlvRetSprgB1_C	1x1
DFES_MeterOut.DFC_ThrVlvRetSprgSprdB1_C	1x1
DFES_MeterOut.DFC_ThrVlvSens1MaxB1_C	1x1
DFES_MeterOut.DFC_ThrVlvSens1NplB1_C	1x1
DFES_MeterOut.DFC_ThrVlvSens2MaxB1_C	1x1
DFES_MeterOut.DFC_ThrVlvSens2MinB1_C	1x1
DFES_MeterOut.DFC_ThrVlvSens2NplB1_C	1x1
DFES_MeterOut.DFC_ThrVlvShoCircB1_C	1x1
DFES_MeterOut.DFC_ThrVlvSpiErrB1_C	1x1
DFES_MeterOut.DFC_ThrvlvSens1MinB1_C	1x1
DFES_MeterOut.DFC_TrbChCtrlDeB1_C	1x1
DFES_MeterOut.DFC_TrbChDycB1_C	1x1
DFES_MeterOut.DFC_TrbChLvrBrknB1_C	1x1
DFES_MeterOut.DFC_TrbChOpenLoadB1_C	1x1
DFES_MeterOut.DFC_TrbChOverTB1_C	1x1
DFES_MeterOut.DFC_TrbChPrmntFirstOffsLrnMaxB1_C	1x1
DFES_MeterOut.DFC_TrbChPrmntFirstOffsLrnMinB1_C	1x1
DFES_MeterOut.DFC_TrbChPrmntOffsLrnMaxB1_C	1x1
DFES_MeterOut.DFC_TrbChPrmntOffsLrnMinB1_C	1x1
DFES_MeterOut.DFC_TrbChSens1MaxB1_C	1x1
DFES_MeterOut.DFC_TrbChSens1MinB1_C	1x1
DFES_MeterOut.DFC_TrbChShoCircB1_C	1x1
DFES_MeterOut.DFC_TrbChSpiErrB1_C	1x1
DFES_MeterOut.DFC_UEGOHeatrCtlS1B1_C	1x1
DFES_MeterOut.DFC_UEGOSnsrMntdS1B1_C	1x1
DFES_MeterOut.DFC_UVSEmax_C	1x1
DFES_MeterOut.DFC_UVSEmin_C	1x1
DFES_MeterOut.DFC_UVSEsig_C	1x1
DFES_MeterOut.DFC_VehVSig_C	1x1
DFES_MeterOut.DFC_VlvLftExh1max_C	1x1
DFES_MeterOut.DFC_VlvLftExh1min_C	1x1
DFES_MeterOut.DFC_VlvLftExh1sig_C	1x1
Event filter mask of Monitoring - Mask Id mast have 0 at bit mask 0 positions	1x1
Event filter mask of Monitoring - Mask Id mast have 1 at bit mask 1 positions	1x1
switch to ignore same kind of monitoring events, set to 0 to suppress identical events in a row	1x1
DFES_numClsDlt_CA	22x1
DFES_numClsFaultCycl_CA	22x1
DFES_numClsHealCycl_CA	22x1
DFES_numClsPndDlt_CA	22x1
DFES_numClsSvcDlt_CA	22x1
DFES_numClsSVSFaultCycl_CA	22x1
DFES_numClsSVSHealCycl_CA	22x1
Threshold for similar conditions recognition / Threshold Similar Condition: coolant temperature	1x1
Threshold for similar conditions recognition / Threshold range for Similar Condition: ratio for engine load	1x1
Threshold for similar conditions recognition / Threshold range for Similar Condition: engine speed	1x1
DFES_xAsgnExtdFrzFrSig_CA	42x1
DFES_xAsgnFrzFrSig_CA	45x1

DFES_xClsAddLmp_CA	22x1
DFES_xClsDltTrg_CA	22x1
DFES_xClsFaultTrg_CA	22x1
DFES_xClsFltMIL_CA	22x1
DFES_xClsFltSVS_CA	22x1
DFES_xClsHealTrg_CA	22x1
DFES_xClsPndDltTrg_CA	22x1
DFES_xClsPrio_CA	22x1
DFES_xClsSvcDltTrg_CA	22x1
DFES_xClsSVSFaultTrg_CA	22x1
DFES_xClsSVSHealTrg_CA	22x1
default value Status reduction gearbox	1x1
Hysteresis threshold of the fast adjust. as of the offset throttle valve adapt. steady	1x1
allowed delta between fkmsdks and 1 for detection of leakage to manifold	1x1
dead zone for throttle adaptation	1x1
Dead zone for slow charge adaptation in the boost pressure regime	1x1
Delta factor of air mass flow by throttle valve and by main charge sensor for steady state condition	1x1
Delta for hysteresis loop for factor afterstart and warm-up	1x1
Gradient of switch to slope correction for the adaption of intake manifold pressure to air pressure in the combustion chamber	1x1
factor for multiplicative correction of the mixture adaptation at start of drive cycle	1x1
delta threshold for limit of the mult. rate of mixture adaption	1x1
Delta-FRA for setting of ""FRA-stable"" when diagnosis-threshold is reached	1x1
delta-FRA for setting of ""FRA stable	1x1
Relative reduction of maximum air charge per second if component protection reaches rich burning limit	1x1
Faster reduction of maximum air charge by component protection if rlsol significantly higher than rl	1x1
Relative regrow of maximum air charge per second if component protection reaches rich burning limit	1x1
upper bound for control action	1x1
lower diagnostic thresholds for the corrected deviation of the fast lambda controller mean value	1x1
upper diagnostic thresholds for the corrected deviation of the fast lambda controller mean value	1x1
Minimum delta for test CPV to lean	1x1
Delta of filtered lambda correction for setting of ""FRM stable	1x1
Minimum delta for test CPV to rich	1x1
lower threshold for fuel-level sensor plausibility error detection	1x1
upper threshold for fuel-level sensor plausibility error detection	1x1
maximal deviation of fsof1_w samples	1x1
delta fuel level before/after filter for fast uptdate after refueling	1x1
Maximum difference between level measurement and its filtered value	1x1
Minimum fuel-volume-change in tank for plausibility check	1x1
delta factor ZWmin regulation after cut-off	1x1
delta factor ZWmin regulation after hybrid-followup-start	1x1
delta factor ZWmin regulation after start	1x1
Parameter for detection failure power stage bank 0	1x1
Parameter for detection failure power stage bank 0	1x1
difference position boost pressure actuator for steady state detection	1x1
delta hysteresis of of strategy map KFBDESTR	1x1
Signal Id to be debugged	1x1
Type of the output signal (PWMOut, DigOut, Pmd) to be debugged.	1x1
Take into account Open-Load-Error for Shut-Off request.	1x1
Selection parameter for OBD protocol	1x1
Differential ratio calibration	1x1
Differential ratio calibration	1x1
Variable for deactivation of the interface for DE - Calibration	1x1
Calibration for Propulsion module (Prp) for the protection of the differential	1x1
Negative slope for differential protection torque	1x1
Positive slope for differential protection torque	1x1
Defaultvalue for the Differential ratio	1x1
Substitute value for differential protective torque	1x1
delta threshold for integrated nominal air mass for catalyst heating with consideration of heating energy inside the catalyst by start	1x1
DINH_Fld.DFC_ATRlyStkOffErr_CA	7x1
DINH_Fld.DFC_ATRlyStkOnErr_CA	7x1
DINH_Fld.DFC_AltlOACGFailr_CA	9x1
DINH_Fld.DFC_AltlOACGHiVltg_CA	9x1
DINH_Fld.DFC_AltlOACGLoVltg_CA	8x1
DINH_Fld.DFC_AltlOACGTHi_CA	8x1
DINH_Fld.DFC_AltlODConnACG_CA	8x1
DINH_Fld.DFC_BrkBstPDriftHiErr_CA	7x1
DINH_Fld.DFC_BrkBstPDriftLoErr_CA	7x1
DINH_Fld.DFC_BrkBstPSnsrStuck_CA	7x1
DINH_Fld.DFC_BrkMnSwtContOn_Enf_CA	2x1
DINH_Fld.DFC_BrkMnSwtContOn_CA	4x1
DINH_Fld.DFC_BrkMnSwtNotStp_Enf_CA	2x1
DINH_Fld.DFC_BrkMnSwtNotStp_CA	4x1
DINH_Fld.DFC_BrkNpl_Enf_CA	3x1
DINH_Fld.DFC_BrkNpl_CA	2x1
DINH_Fld.DFC_BrkRdntSwtContOn_Enf_CA	2x1
DINH_Fld.DFC_BrkRdntSwtContOn_CA	4x1
DINH_Fld.DFC_BrkRdntSwtNotStp_Enf_CA	2x1
DINH_Fld.DFC_BrkRdntSwtNotStp_CA	4x1
DINH_Fld.DFC_Clth3ONStuck_CA	10x1
DINH_Fld.DFC_Clth4OFFStuck_CA	9x1
DINH_Fld.DFC_ClthOFFStuck_CA	8x1
DINH_Fld.DFC_ClthONStuck_CA	8x1
DINH_Fld.DFC_ClthStkFailInfo_Enf_CA	1x1
DINH_Fld.DFC_ClthStkFailInfo_CA	13x1
DINH_Fld.DFC_ComABSWrn_CA	2x1
DINH_Fld.DFC_ComACCAChksum_Enf_CA	1x1
DINH_Fld.DFC_ComACCAChksum_CA	3x1
DINH_Fld.DFC_ComACCADLC_CA	3x1
DINH_Fld.DFC_ComACCARingCnt_Enf_CA	2x1
DINH_Fld.DFC_ComACCARingCnt_CA	3x1
DINH_Fld.DFC_ComACCATOut_Enf_CA	2x1
DINH_Fld.DFC_ComACCATOut_CA	3x1
DINH_Fld.DFC_ComACCBChkSum_Enf_CA	2x1
DINH_Fld.DFC_ComACCBChkSum_CA	2x1
DINH_Fld.DFC_ComACCBRingCnt_Enf_CA	2x1
DINH_Fld.DFC_ComACCBRingCnt_CA	2x1
DINH_Fld.DFC_ComACCBTOut_Enf_CA	2x1
DINH_Fld.DFC_ComACCBTOut_CA	2x1
DINH_Fld.DFC_ComACCChkSum_Enf_CA	1x1
DINH_Fld.DFC_ComACCChkSum_CA	2x1

DINH_FId.DFC_ComACCRingCnt_Enf_CA	1x1
DINH_FId.DFC_ComACCRingCnt_CA	2x1
DINH_FId.DFC_ComACCTOut_Enf_CA	1x1
DINH_FId.DFC_ComACCTOut_CA	2x1
DINH_FId.DFC_ComACFailInfo_Enf_CA	1x1
DINH_FId.DFC_ComACFailInfo_CA	2x1
DINH_FId.DFC_ComADSChkSum_Enf_CA	1x1
DINH_FId.DFC_ComADSChkSum_CA	2x1
DINH_FId.DFC_ComADSRingCnt_Enf_CA	1x1
DINH_FId.DFC_ComADSRingCnt_CA	2x1
DINH_FId.DFC_ComADSTOut_Enf_CA	1x1
DINH_FId.DFC_ComADSTOut_CA	2x1
DINH_FId.DFC_ComATErr4_CA	2x1
DINH_FId.DFC_ComATGearInfoErr_Enf_CA	1x1
DINH_FId.DFC_ComATGearInfoErr_CA	2x1
DINH_FId.DFC_ComATISS_CA	2x1
DINH_FId.DFC_ComAWDChksum_Enf_CA	4x1
DINH_FId.DFC_ComAWDChksum_CA	2x1
DINH_FId.DFC_ComAWDMechFail_CA	2x1
DINH_FId.DFC_ComAWDRingCnt_Enf_CA	4x1
DINH_FId.DFC_ComAWDRingCnt_CA	2x1
DINH_FId.DFC_ComAWDTOut_Enf_CA	4x1
DINH_FId.DFC_ComAWDTOut_CA	2x1
DINH_FId.DFC_ComAYCAChksum_Enf_CA	3x1
DINH_FId.DFC_ComAYCAChksum_CA	6x1
DINH_FId.DFC_ComAYCARingCnt_Enf_CA	3x1
DINH_FId.DFC_ComAYCARingCnt_CA	6x1
DINH_FId.DFC_ComAYCATOut_Enf_CA	3x1
DINH_FId.DFC_ComAYCATOut_CA	6x1
DINH_FId.DFC_ComAYCBChkSum_Enf_CA	4x1
DINH_FId.DFC_ComAYCBChkSum_CA	6x1
DINH_FId.DFC_ComAYCBRingCnt_Enf_CA	4x1
DINH_FId.DFC_ComAYCBRingCnt_CA	6x1
DINH_FId.DFC_ComAYCBTOut_Enf_CA	4x1
DINH_FId.DFC_ComAYCBTOut_CA	6x1
DINH_FId.DFC_ComAYCCtlErr_Enf_CA	1x1
DINH_FId.DFC_ComAYCCtlErr_CA	2x1
DINH_FId.DFC_ComAYCDChkSum_Enf_CA	3x1
DINH_FId.DFC_ComAYCDChkSum_CA	6x1
DINH_FId.DFC_ComAYCDTOut_Enf_CA	3x1
DINH_FId.DFC_ComAYCDTOut_CA	6x1
DINH_FId.DFC_ComAYCFChksum_Enf_CA	1x1
DINH_FId.DFC_ComAYCFChksum_CA	8x1
DINH_FId.DFC_ComAYCFCtlErr_CA	2x1
DINH_FId.DFC_ComAYCFRingCnt_Enf_CA	1x1
DINH_FId.DFC_ComAYCFRingCnt_CA	8x1
DINH_FId.DFC_ComAYCFTOut_Enf_CA	1x1
DINH_FId.DFC_ComAYCFTOut_CA	8x1
DINH_FId.DFC_ComAirEnvT_CA	2x1
DINH_FId.DFC_ComApcChksum_Enf_CA	1x1
DINH_FId.DFC_ComApcChksum_CA	2x1
DINH_FId.DFC_ComApcRingCnt_Enf_CA	1x1
DINH_FId.DFC_ComApcRingCnt_CA	2x1
DINH_FId.DFC_ComApcTOut_Enf_CA	1x1
DINH_FId.DFC_ComApcTOut_CA	2x1
DINH_FId.DFC_ComBB10TOut_Enf_CA	1x1
DINH_FId.DFC_ComBB10TOut_CA	2x1
DINH_FId.DFC_ComBB1TOut_Enf_CA	1x1
DINH_FId.DFC_ComBB1TOut_CA	2x1
DINH_FId.DFC_ComBB2TOut_CA	2x1
DINH_FId.DFC_ComCANABusOffErr_Enf_CA	6x1
DINH_FId.DFC_ComCANABusOffErr_CA	10x1
DINH_FId.DFC_ComCANBBusOffErr_CA	8x1
DINH_FId.DFC_ComCANCBusOffErr_Enf_CA	2x1
DINH_FId.DFC_ComCANCBusOffErr_CA	8x1
DINH_FId.DFC_ComConvBoostErr_Enf_CA	1x1
DINH_FId.DFC_ComConvBoostErr_CA	2x1
DINH_FId.DFC_ComDCDCInpErr1_CA	8x1
DINH_FId.DFC_ComDCDCInpErr2_CA	8x1
DINH_FId.DFC_ComDCDCIntErr_CA	8x1
DINH_FId.DFC_ComDCDCOutpErr1_CA	8x1
DINH_FId.DFC_ComDCDCOutpErr2_CA	8x1
DINH_FId.DFC_ComDCDCTempWarn1_CA	4x1
DINH_FId.DFC_ComDCDCTempWarn2_CA	4x1
DINH_FId.DFC_ComEAT10Chksum_Enf_CA	1x1
DINH_FId.DFC_ComEAT10Chksum_CA	2x1
DINH_FId.DFC_ComEAT10RingCnt_Enf_CA	1x1
DINH_FId.DFC_ComEAT10RingCnt_CA	2x1
DINH_FId.DFC_ComEAT10TOut_Enf_CA	1x1
DINH_FId.DFC_ComEAT10TOut_CA	2x1
DINH_FId.DFC_ComEAT2ChkSum_Enf_CA	2x1
DINH_FId.DFC_ComEAT2ChkSum_CA	2x1
DINH_FId.DFC_ComEAT2RingCnt_Enf_CA	2x1
DINH_FId.DFC_ComEAT2RingCnt_CA	2x1
DINH_FId.DFC_ComEAT2TOut_Enf_CA	2x1
DINH_FId.DFC_ComEAT2TOut_CA	2x1
DINH_FId.DFC_ComEAT4ChkSum_Enf_CA	3x1
DINH_FId.DFC_ComEAT4ChkSum_CA	2x1
DINH_FId.DFC_ComEAT4RingCnt_Enf_CA	3x1
DINH_FId.DFC_ComEAT4RingCnt_CA	2x1
DINH_FId.DFC_ComEAT4TOut_Enf_CA	3x1
DINH_FId.DFC_ComEAT4TOut_CA	2x1
DINH_FId.DFC_ComEAT5ChkSum_Enf_CA	2x1
DINH_FId.DFC_ComEAT5ChkSum_CA	2x1
DINH_FId.DFC_ComEAT5RingCnt_Enf_CA	2x1
DINH_FId.DFC_ComEAT5RingCnt_CA	2x1
DINH_FId.DFC_ComEAT5TOut_Enf_CA	2x1
DINH_FId.DFC_ComEAT5TOut_CA	2x1
DINH_FId.DFC_ComEAT6Chksum_Enf_CA	1x1

DINH_FId.DFC_ComEAT6Chksum_CA	2x1
DINH_FId.DFC_ComEAT6RingCnt_Enf_CA	1x1
DINH_FId.DFC_ComEAT6RingCnt_CA	2x1
DINH_FId.DFC_ComEAT6TOut_Enf_CA	1x1
DINH_FId.DFC_ComEAT6TOut_CA	2x1
DINH_FId.DFC_ComEAT9Chksum_Enf_CA	1x1
DINH_FId.DFC_ComEAT9Chksum_CA	2x1
DINH_FId.DFC_ComEAT9RingCnt_Enf_CA	1x1
DINH_FId.DFC_ComEAT9RingCnt_CA	2x1
DINH_FId.DFC_ComEAT9TOut_Enf_CA	1x1
DINH_FId.DFC_ComEAT9TOut_CA	2x1
DINH_FId.DFC_ComEATAChksum_Enf_CA	1x1
DINH_FId.DFC_ComEATAChksum_CA	2x1
DINH_FId.DFC_ComEATARingCnt_Enf_CA	1x1
DINH_FId.DFC_ComEATARingCnt_CA	2x1
DINH_FId.DFC_ComEATATOut_Enf_CA	1x1
DINH_FId.DFC_ComEATATOut_CA	2x1
DINH_FId.DFC_ComEATBChkSum_Enf_CA	1x1
DINH_FId.DFC_ComEATBChkSum_CA	2x1
DINH_FId.DFC_ComEATBRingCnt_Enf_CA	1x1
DINH_FId.DFC_ComEATBRingCnt_CA	2x1
DINH_FId.DFC_ComEATBRingCnt_Enf_CA	1x1
DINH_FId.DFC_ComEATBRingCnt_CA	2x1
DINH_FId.DFC_ComEATBTOut_Enf_CA	1x1
DINH_FId.DFC_ComEATBTOut_CA	2x1
DINH_FId.DFC_ComEATErr_CA	2x1
DINH_FId.DFC_ComEBSSelfDiagErr_CA	2x1
DINH_FId.DFC_ComEPBChksum_Enf_CA	2x1
DINH_FId.DFC_ComEPBChksum_CA	4x1
DINH_FId.DFC_ComEPBTOut_Enf_CA	2x1
DINH_FId.DFC_ComEPBTOut_CA	4x1
DINH_FId.DFC_ComEPBctRing_Enf_CA	2x1
DINH_FId.DFC_ComEPBctRing_CA	4x1
DINH_FId.DFC_ComEPS1Chksum_Enf_CA	1x1
DINH_FId.DFC_ComEPS1Chksum_CA	3x1
DINH_FId.DFC_ComEPS1RingCnt_Enf_CA	1x1
DINH_FId.DFC_ComEPS1RingCnt_CA	3x1
DINH_FId.DFC_ComEPS1TOut_Enf_CA	1x1
DINH_FId.DFC_ComEPS1TOut_CA	3x1
DINH_FId.DFC_ComEPSChksum_Enf_CA	2x1
DINH_FId.DFC_ComEPSChksum_CA	6x1
DINH_FId.DFC_ComEPSRingCnt_Enf_CA	2x1
DINH_FId.DFC_ComEPSRingCnt_CA	6x1
DINH_FId.DFC_ComEPSTOut_Enf_CA	2x1
DINH_FId.DFC_ComEPSTOut_CA	6x1
DINH_FId.DFC_ComEVPChksum_Enf_CA	1x1
DINH_FId.DFC_ComEVPChksum_CA	2x1
DINH_FId.DFC_ComEVPRingCnt_Enf_CA	1x1
DINH_FId.DFC_ComEVPRingCnt_CA	2x1
DINH_FId.DFC_ComEVPTOut_Enf_CA	1x1
DINH_FId.DFC_ComEVPTOut_CA	2x1
DINH_FId.DFC_ComIDASBChksum_Enf_CA	1x1
DINH_FId.DFC_ComIDASBChksum_CA	2x1
DINH_FId.DFC_ComIDASBRingCnt_Enf_CA	1x1
DINH_FId.DFC_ComIDASBRingCnt_CA	2x1
DINH_FId.DFC_ComIDASBTOut_Enf_CA	1x1
DINH_FId.DFC_ComIDASBTOut_CA	2x1
DINH_FId.DFC_ComISSPrms_CA	3x1
DINH_FId.DFC_ComMETAChksum_Enf_CA	1x1
DINH_FId.DFC_ComMETAChksum_CA	2x1
DINH_FId.DFC_ComMETARingCnt_Enf_CA	1x1
DINH_FId.DFC_ComMETARingCnt_CA	2x1
DINH_FId.DFC_ComMETATOut_Enf_CA	1x1
DINH_FId.DFC_ComMETATOut_CA	2x1
DINH_FId.DFC_ComMETBChksum_Enf_CA	4x1
DINH_FId.DFC_ComMETBChksum_CA	7x1
DINH_FId.DFC_ComMETBRingCnt_Enf_CA	4x1
DINH_FId.DFC_ComMETBRingCnt_CA	7x1
DINH_FId.DFC_ComMETBTOut_Enf_CA	4x1
DINH_FId.DFC_ComMETBTOut_CA	7x1
DINH_FId.DFC_ComMETCChksum_Enf_CA	4x1
DINH_FId.DFC_ComMETCChksum_CA	6x1
DINH_FId.DFC_ComMETCRingCnt_Enf_CA	4x1
DINH_FId.DFC_ComMETCRingCnt_CA	6x1
DINH_FId.DFC_ComMETCTOut_Enf_CA	4x1
DINH_FId.DFC_ComMETCTOut_CA	6x1
DINH_FId.DFC_ComMETDChksum_Enf_CA	3x1
DINH_FId.DFC_ComMETDChksum_CA	6x1
DINH_FId.DFC_ComMETDRingCnt_Enf_CA	3x1
DINH_FId.DFC_ComMETDRingCnt_CA	6x1
DINH_FId.DFC_ComMETDTOut_Enf_CA	3x1
DINH_FId.DFC_ComMETDTOut_CA	6x1
DINH_FId.DFC_ComMETE2Chksum_Enf_CA	1x1
DINH_FId.DFC_ComMETE2Chksum_CA	6x1
DINH_FId.DFC_ComMETE2RingCnt_Enf_CA	1x1
DINH_FId.DFC_ComMETE2RingCnt_CA	6x1
DINH_FId.DFC_ComMETE2TOut_Enf_CA	1x1
DINH_FId.DFC_ComMETE2TOut_CA	6x1
DINH_FId.DFC_ComMETEChksum_Enf_CA	4x1
DINH_FId.DFC_ComMETEChksum_CA	6x1
DINH_FId.DFC_ComMETERingCnt_Enf_CA	4x1
DINH_FId.DFC_ComMETERingCnt_CA	6x1
DINH_FId.DFC_ComMETETOut_Enf_CA	4x1
DINH_FId.DFC_ComMETETOut_CA	6x1
DINH_FId.DFC_ComMETFChksum_Enf_CA	3x1
DINH_FId.DFC_ComMETFChksum_CA	6x1
DINH_FId.DFC_ComMETFRingCnt_Enf_CA	3x1
DINH_FId.DFC_ComMETFRingCnt_CA	6x1
DINH_FId.DFC_ComMETFTOut_Enf_CA	3x1
DINH_FId.DFC_ComMETFTOut_CA	6x1
DINH_FId.DFC_ComMETGChksum_Enf_CA	3x1

DINH_FId.DFC_ComMETGChksum_CA	6x1
DINH_FId.DFC_ComMETGRingCnt_Enf_CA	3x1
DINH_FId.DFC_ComMETGRingCnt_CA	6x1
DINH_FId.DFC_ComMETGTOut_Enf_CA	3x1
DINH_FId.DFC_ComMETGTOut_CA	6x1
DINH_FId.DFC_ComMETH2Chksum_Enf_CA	1x1
DINH_FId.DFC_ComMETH2Chksum_CA	6x1
DINH_FId.DFC_ComMETH2RingCnt_Enf_CA	1x1
DINH_FId.DFC_ComMETH2RingCnt_CA	6x1
DINH_FId.DFC_ComMETH2TOut_Enf_CA	1x1
DINH_FId.DFC_ComMETH2TOut_CA	6x1
DINH_FId.DFC_ComMETHChksum_Enf_CA	3x1
DINH_FId.DFC_ComMETHChksum_CA	6x1
DINH_FId.DFC_ComMETHRingCnt_Enf_CA	3x1
DINH_FId.DFC_ComMETHRingCnt_CA	6x1
DINH_FId.DFC_ComMETHTOut_Enf_CA	3x1
DINH_FId.DFC_ComMETHTOut_CA	6x1
DINH_FId.DFC_ComMETIChksum_Enf_CA	4x1
DINH_FId.DFC_ComMETIChksum_CA	7x1
DINH_FId.DFC_ComMETIRingCnt_Enf_CA	4x1
DINH_FId.DFC_ComMETIRingCnt_CA	7x1
DINH_FId.DFC_ComMETITOut_Enf_CA	4x1
DINH_FId.DFC_ComMETITOut_CA	7x1
DINH_FId.DFC_ComMETKChksum_Enf_CA	1x1
DINH_FId.DFC_ComMETKChksum_CA	2x1
DINH_FId.DFC_ComMETKRingCnt_Enf_CA	1x1
DINH_FId.DFC_ComMETKRingCnt_CA	2x1
DINH_FId.DFC_ComMETKTOut_Enf_CA	1x1
DINH_FId.DFC_ComMETKTOut_CA	2x1
DINH_FId.DFC_ComMETLChksum_Enf_CA	1x1
DINH_FId.DFC_ComMETLChksum_CA	2x1
DINH_FId.DFC_ComMETLRingCnt_Enf_CA	1x1
DINH_FId.DFC_ComMETLRingCnt_CA	2x1
DINH_FId.DFC_ComMETLTOut_Enf_CA	1x1
DINH_FId.DFC_ComMETLTOut_CA	2x1
DINH_FId.DFC_ComMETMChksum_Enf_CA	1x1
DINH_FId.DFC_ComMETMChksum_CA	2x1
DINH_FId.DFC_ComMETMRingCnt_Enf_CA	1x1
DINH_FId.DFC_ComMETMRingCnt_CA	2x1
DINH_FId.DFC_ComMETMTOut_Enf_CA	1x1
DINH_FId.DFC_ComMETMTOut_CA	2x1
DINH_FId.DFC_ComMETNChksum_Enf_CA	1x1
DINH_FId.DFC_ComMETNChksum_CA	2x1
DINH_FId.DFC_ComMETNRingCnt_Enf_CA	1x1
DINH_FId.DFC_ComMETNRingCnt_CA	2x1
DINH_FId.DFC_ComMETNTOut_Enf_CA	1x1
DINH_FId.DFC_ComMETNTOut_CA	2x1
DINH_FId.DFC_ComMtrCom_CA	3x1
DINH_FId.DFC_ComMtrEva_CA	2x1
DINH_FId.DFC_ComPCUChkSum_Enf_CA	1x1
DINH_FId.DFC_ComPCUChkSum_CA	6x1
DINH_FId.DFC_ComPCURingCnt_Enf_CA	1x1
DINH_FId.DFC_ComPCURingCnt_CA	6x1
DINH_FId.DFC_ComPCUTOut_Enf_CA	1x1
DINH_FId.DFC_ComPCUTOut_CA	6x1
DINH_FId.DFC_ComSRSAChksum_Enf_CA	1x1
DINH_FId.DFC_ComSRSAChksum_CA	2x1
DINH_FId.DFC_ComSRSARingCnt_Enf_CA	1x1
DINH_FId.DFC_ComSRSARingCnt_CA	2x1
DINH_FId.DFC_ComSRSATOut_Enf_CA	1x1
DINH_FId.DFC_ComSRSATOut_CA	2x1
DINH_FId.DFC_ComSRSActive_CA	2x1
DINH_FId.DFC_ComSRSBChksum_Enf_CA	1x1
DINH_FId.DFC_ComSRSBChksum_CA	5x1
DINH_FId.DFC_ComSRSBRingCnt_Enf_CA	1x1
DINH_FId.DFC_ComSRSBRingCnt_CA	5x1
DINH_FId.DFC_ComSRSBTOut_Enf_CA	1x1
DINH_FId.DFC_ComSRSBTOut_CA	5x1
DINH_FId.DFC_ComSRSChksum_Enf_CA	1x1
DINH_FId.DFC_ComSRSChksum_CA	5x1
DINH_FId.DFC_ComSRSErr_CA	2x1
DINH_FId.DFC_ComSRSRingCnt_Enf_CA	1x1
DINH_FId.DFC_ComSRSRingCnt_CA	5x1
DINH_FId.DFC_ComSRSTOut_Enf_CA	1x1
DINH_FId.DFC_ComSRSTOut_CA	5x1
DINH_FId.DFC_ComSWTCH1AlvCnt_Enf_CA	1x1
DINH_FId.DFC_ComSWTCH1AlvCnt_CA	2x1
DINH_FId.DFC_ComSWTCH1Chksum_Enf_CA	1x1
DINH_FId.DFC_ComSWTCH1Chksum_CA	2x1
DINH_FId.DFC_ComSWTCH1TOut_Enf_CA	1x1
DINH_FId.DFC_ComSWTCH1TOut_CA	2x1
DINH_FId.DFC_ComTqCnvrSlipErr_Enf_CA	1x1
DINH_FId.DFC_ComTqCnvrSlipErr_CA	2x1
DINH_FId.DFC_Cy150SpiCom_CA	5x1
DINH_FId.DFC_Cy327SpiCom_Enf_CA	1x1
DINH_FId.DFC_Cy327SpiCom_CA	3x1
DINH_FId.DFC_EbsChartcCurrErr_CA	8x1
DINH_FId.DFC_EbsSelfDiagErr_CA	8x1
DINH_FId.DFC_ElecLdSRCMax_Enf_CA	2x1
DINH_FId.DFC_ElecLdSRCMax_CA	3x1
DINH_FId.DFC_ElecLdSRCMin_Enf_CA	2x1
DINH_FId.DFC_ElecLdSRCMin_CA	3x1
DINH_FId.DFC_EnvTDef_Enf_CA	19x1
DINH_FId.DFC_EnvTDef_CA	3x1
DINH_FId.DFC_EnvTSig_Enf_CA	19x1
DINH_FId.DFC_EnvTSig_CA	3x1
DINH_FId.DFC_GEVlvPhaPsOpenLoadIntkB1_Enf_CA	33x1
DINH_FId.DFC_GEVlvPhaPsOpenLoadIntkB1_CA	11x1
DINH_FId.DFC_GEVlvPhaPsOpenLoadOutlB1_Enf_CA	33x1

DINH_FId.DFC_GEVlvPhaPsOpenLoadOutlB1_CA	11x1
DINH_FId.DFC_GEVlvPhaPsShoToBattIntkB1_Enf_CA	33x1
DINH_FId.DFC_GEVlvPhaPsShoToBattIntkB1_CA	11x1
DINH_FId.DFC_GEVlvPhaPsShoToBattOutlB1_Enf_CA	33x1
DINH_FId.DFC_GEVlvPhaPsShoToBattOutlB1_CA	11x1
DINH_FId.DFC_GEVlvPhaPsShoToGndIntkB1_Enf_CA	33x1
DINH_FId.DFC_GEVlvPhaPsShoToGndIntkB1_CA	11x1
DINH_FId.DFC_GEVlvPhaPsShoToGndOutlB1_Enf_CA	33x1
DINH_FId.DFC_GEVlvPhaPsShoToGndOutlB1_CA	11x1
DINH_FId.DFC_GbxAlvChk_CA	2x1
DINH_FId.DFC_GbxNPos1SRCMax_Enf_CA	1x1
DINH_FId.DFC_GbxNPos1SRCMax_CA	11x1
DINH_FId.DFC_GbxNPos1SRCMin_Enf_CA	1x1
DINH_FId.DFC_GbxNPos1SRCMin_CA	11x1
DINH_FId.DFC_GbxNPos2SRCMax_Enf_CA	1x1
DINH_FId.DFC_GbxNPos2SRCMax_CA	11x1
DINH_FId.DFC_GbxNPos2SRCMin_Enf_CA	1x1
DINH_FId.DFC_GbxNPos2SRCMin_CA	11x1
DINH_FId.DFC_GbxNPosCorrIn_CA	11x1
DINH_FId.DFC_GbxRevLckOL_CA	2x1
DINH_FId.DFC_GbxRevLckOt_CA	2x1
DINH_FId.DFC_GbxRevLckSCB_CA	2x1
DINH_FId.DFC_GbxRevLckSCG_CA	2x1
DINH_FId.DFC_GbxSleepErr_CA	2x1
DINH_FId.DFC_GbxSpdPlausErr_Enf_CA	1x1
DINH_FId.DFC_GbxSpdPlausErr_CA	3x1
DINH_FId.DFC_LinCSErrACG_CA	10x1
DINH_FId.DFC_LinCSErrDCDC_Enf_CA	2x1
DINH_FId.DFC_LinCSErrDCDC_CA	8x1
DINH_FId.DFC_LinCSErrEBS_CA	11x1
DINH_FId.DFC_LinFrameErrACG_CA	10x1
DINH_FId.DFC_LinFrameErrDCDC_Enf_CA	2x1
DINH_FId.DFC_LinFrameErrDCDC_CA	8x1
DINH_FId.DFC_LinFrameErrEBS_CA	11x1
DINH_FId.DFC_LinHdrTimeoutErrACG_CA	10x1
DINH_FId.DFC_LinHdrTimeoutErrDCDC_Enf_CA	2x1
DINH_FId.DFC_LinHdrTimeoutErrDCDC_CA	8x1
DINH_FId.DFC_LinHdrTimeoutErrEBS_CA	11x1
DINH_FId.DFC_LinMsgTimeoutErrACG_CA	10x1
DINH_FId.DFC_LinMsgTimeoutErrDCDC_Enf_CA	2x1
DINH_FId.DFC_LinMsgTimeoutErrDCDC_CA	8x1
DINH_FId.DFC_LinMsgTimeoutErrEBS_CA	11x1
DINH_FId.DFC_LinNoStrtComErr_Enf_CA	1x1
DINH_FId.DFC_LinNoStrtComErr_CA	2x1
DINH_FId.DFC_LinOverrunErrACG_CA	10x1
DINH_FId.DFC_LinOverrunErrDCDC_Enf_CA	2x1
DINH_FId.DFC_LinOverrunErrDCDC_CA	8x1
DINH_FId.DFC_LinOverrunErrEBS_CA	11x1
DINH_FId.DFC_LinParityErr_Enf_CA	1x1
DINH_FId.DFC_LinParityErr_CA	2x1
DINH_FId.DFC_LowPresOilP_CA	2x1
DINH_FId.DFC_METCSum_Enf_CA	4x1
DINH_FId.DFC_METCSum_CA	6x1
DINH_FId.DFC_METctRing_Enf_CA	4x1
DINH_FId.DFC_METctRing_CA	6x1
DINH_FId.DFC_METtiDeb_Enf_CA	4x1
DINH_FId.DFC_METtiDeb_CA	6x1
DINH_FId.DFC_MisfDetdVWhlFrntLePlaus_CA	2x1
DINH_FId.DFC_MisfDetdVWhlFrntRiPlaus_CA	2x1
DINH_FId.DFC_MisfDetdVWhlReLePlaus_CA	2x1
DINH_FId.DFC_MisfDetdVWhlReRiPlaus_CA	2x1
DINH_FId.DFC_MonUMaxSupply1_Enf_CA	3x1
DINH_FId.DFC_MonUMaxSupply1_CA	3x1
DINH_FId.DFC_MonUMinSupply1_CA	3x1
DINH_FId.DFC_OilAbnormErr_Enf_CA	1x1
DINH_FId.DFC_OilAbnormErr_CA	2x1
DINH_FId.DFC_OilErr_Enf_CA	1x1
DINH_FId.DFC_OilErr_CA	2x1
DINH_FId.DFC_PEnvSigRngMax_Enf_CA	27x1
DINH_FId.DFC_PEnvSigRngMax_CA	5x1
DINH_FId.DFC_PEnvSigRngMin_Enf_CA	27x1
DINH_FId.DFC_PEnvSigRngMin_CA	5x1
DINH_FId.DFC_Pmd_PeriMon_Enf_CA	2x1
DINH_FId.DFC_Pmd_PeriMon_CA	3x1
DINH_FId.DFC_SSpMon1_Enf_CA	35x1
DINH_FId.DFC_SSpMon1_CA	7x1
DINH_FId.DFC_SSpMon1OV_CA	2x1
DINH_FId.DFC_SSpMon1SCG_CA	2x1
DINH_FId.DFC_SSpMon1UV_CA	2x1
DINH_FId.DFC_SSpMon2_Enf_CA	55x1
DINH_FId.DFC_SSpMon2_CA	17x1
DINH_FId.DFC_SSpMon2OV_CA	2x1
DINH_FId.DFC_SSpMon2SCG_CA	2x1
DINH_FId.DFC_SSpMon2UV_CA	2x1
DINH_FId.DFC_SSpMon3_Enf_CA	4x1
DINH_FId.DFC_SSpMon3_CA	14x1
DINH_FId.DFC_SSpMon3OV_CA	2x1
DINH_FId.DFC_SSpMon3SCG_CA	2x1
DINH_FId.DFC_SSpMon3UV_CA	2x1
DINH_FId.DFC_StmFault_CA	6x1
DINH_FId.DFC_StrtCtOffPth_CA	10x1
DINH_FId.DFC_StrtCtlErr_CA	5x1
DINH_FId.DFC_StrtFault_CA	5x1
DINH_FId.DFC_StrtLckJudg1_CA	7x1
DINH_FId.DFC_StrtLckJudg2_CA	7x1
DINH_FId.DFC_StrtOL_CA	11x1
DINH_FId.DFC_StrtOL2_CA	11x1
DINH_FId.DFC_StrtSCB_CA	11x1
DINH_FId.DFC_StrtSCB2_CA	11x1

DINH_FId.DFC_StrtSCG_CA	10x1
DINH_FId.DFC_StrtSCG2_CA	10x1
DINH_FId.DFC_StrtStkRly1_CA	9x1
DINH_FId.DFC_StrtStkRly2_CA	9x1
DINH_FId.DFC_T50OL_CA	3x1
DINH_FId.DFC_VehVAllPlaus_Enf_CA	29x1
DINH_FId.DFC_VehVAllPlaus_CA	5x1
DINH_FId.DFC_VehVPlausCan_Enf_CA	14x1
DINH_FId.DFC_VehVPlausCan_CA	9x1
DINH_FId.DFC_VehVPlausFco_Enf_CA	19x1
DINH_FId.DFC_VehVPlausFco_CA	17x1
DINH_FId.DFC_VehVPlausPwr_Enf_CA	14x1
DINH_FId.DFC_VehVPlausPwr_CA	13x1
DINH_FId.DFC_VehVPlausV2N_Enf_CA	14x1
DINH_FId.DFC_VehVPlausV2N_CA	13x1
DINH_FId.DFC_CIthMax_Enf_CA	1x1
DINH_FId.DFC_CIthMax_CA	8x1
DINH_FId.DFC_IgnClPsDevIdentErr1_Enf_CA	1x1
DINH_FId.DFC_IgnClPsDevIdentErr1_CA	2x1
DINH_FId.DFC_IgnClPsDevSpiErr1_Enf_CA	1x1
DINH_FId.DFC_IgnClPsDevSpiErr1_CA	2x1
DINH_FId.DFC_IgnClPsOpenLoad0_Enf_CA	6x1
DINH_FId.DFC_IgnClPsOpenLoad0_CA	5x1
DINH_FId.DFC_IgnClPsOpenLoad1_Enf_CA	6x1
DINH_FId.DFC_IgnClPsOpenLoad1_CA	5x1
DINH_FId.DFC_IgnClPsOpenLoad2_Enf_CA	6x1
DINH_FId.DFC_IgnClPsOpenLoad2_CA	5x1
DINH_FId.DFC_IgnClPsOpenLoad3_Enf_CA	6x1
DINH_FId.DFC_IgnClPsOpenLoad3_CA	5x1
DINH_FId.DFC_IgnClPsShCirBatt0_Enf_CA	6x1
DINH_FId.DFC_IgnClPsShCirBatt0_CA	5x1
DINH_FId.DFC_IgnClPsShCirBatt1_Enf_CA	6x1
DINH_FId.DFC_IgnClPsShCirBatt1_CA	5x1
DINH_FId.DFC_IgnClPsShCirBatt2_Enf_CA	6x1
DINH_FId.DFC_IgnClPsShCirBatt2_CA	5x1
DINH_FId.DFC_IgnClPsShCirBatt3_Enf_CA	6x1
DINH_FId.DFC_IgnClPsShCirBatt3_CA	5x1
DINH_FId.DFC_IgnClPsShCirGnd0_Enf_CA	6x1
DINH_FId.DFC_IgnClPsShCirGnd0_CA	5x1
DINH_FId.DFC_IgnClPsShCirGnd1_Enf_CA	6x1
DINH_FId.DFC_IgnClPsShCirGnd1_CA	5x1
DINH_FId.DFC_IgnClPsShCirGnd2_Enf_CA	6x1
DINH_FId.DFC_IgnClPsShCirGnd2_CA	5x1
DINH_FId.DFC_IgnClPsShCirGnd3_Enf_CA	6x1
DINH_FId.DFC_IgnClPsShCirGnd3_CA	5x1
DINH_FId.DFC_KRVEKOEVAB_CA	2x1
DINH_FId.DFC_KRVEKOEVAB0_CA	2x1
DINH_FId.DFC_KRVEKOEVAB1_CA	2x1
DINH_FId.DFC_KRVEKOEVAB2_CA	2x1
DINH_FId.DFC_KRVEKOEVAB3_CA	2x1
DINH_FId.DFC_MfPsNonPlausible_CA	2x1
DINH_FId.DFC_T50RetOL_CA	4x1
DINH_FId.DFC_T50RetSCB_CA	4x1
DINH_FId.DFC_T50SCB_CA	3x1
DINH_FId.DFC_UEGOASICS1B1_Enf_CA	30x1
DINH_FId.DFC_UEGOASICS1B1_CA	4x1
DINH_FId.DFC_UEGOOLIPES1B1_Enf_CA	35x1
DINH_FId.DFC_UEGOOLIPES1B1_CA	4x1
DINH_FId.DFC_UEGOOLRES1B1_Enf_CA	35x1
DINH_FId.DFC_UEGOOLRES1B1_CA	4x1
DINH_FId.DFC_UEGOSCBS1B1_Enf_CA	31x1
DINH_FId.DFC_UEGOSCBS1B1_CA	4x1
DINH_FId.DFC_UEGOSCGS1B1_Enf_CA	31x1
DINH_FId.DFC_UEGOSCGS1B1_CA	4x1
DINH_FId.DFC_UEGOSPIS1B1_Enf_CA	31x1
DINH_FId.DFC_UEGOSPIS1B1_CA	5x1
DINH_FId.DFC_UEGOSnsrS1B1_Enf_CA	17x1
DINH_FId.DFC_UEGOSnsrS1B1_CA	4x1
DINH_FId.DFC_UegoOlApesS1B1_Enf_CA	30x1
DINH_FId.DFC_UegoOlApesS1B1_CA	4x1
DINH_FId.DFC_UegoOlRCmpS1B1_Enf_CA	31x1
DINH_FId.DFC_UegoOlRCmpS1B1_CA	4x1
DINH_FId.DFC_AirCCmprOL_CA	2x1
DINH_FId.DFC_AirCCmprOvrTemp_CA	2x1
DINH_FId.DFC_AirCCmprSCB_CA	2x1
DINH_FId.DFC_AirCCmprSCG_CA	2x1
DINH_FId.DFC_AltErr_CA	2x1
DINH_FId.DFC_BattUSRCMax_Enf_CA	5x1
DINH_FId.DFC_BattUSRCMax_CA	2x1
DINH_FId.DFC_BattUSRCMin_Enf_CA	5x1
DINH_FId.DFC_BattUSRCMin_CA	2x1
DINH_FId.DFC_DevLibBattUHi_CA	2x1
DINH_FId.DFC_DevLibBattULo_CA	2x1
DINH_FId.DFC_FanDIOOL_0_CA	3x1
DINH_FId.DFC_FanDIOOL_1_CA	3x1
DINH_FId.DFC_FanDIOOvrTemp_0_CA	2x1
DINH_FId.DFC_FanDIOOvrTemp_1_CA	2x1
DINH_FId.DFC_FanDIOSCB_0_CA	3x1
DINH_FId.DFC_FanDIOSCB_1_CA	3x1
DINH_FId.DFC_FanDIOSCG_0_CA	3x1
DINH_FId.DFC_FanDIOSCG_1_CA	3x1
DINH_FId.DFC_PSPOL_CA	2x1
DINH_FId.DFC_PSPOvrTemp_CA	2x1
DINH_FId.DFC_PSPSCB_CA	2x1
DINH_FId.DFC_PSPSCG_CA	2x1
DINH_FId.DFC_VehVSclOutOL_Enf_CA	1x1
DINH_FId.DFC_VehVSclOutOL_CA	2x1
DINH_FId.DFC_VehVSclOutOT_Enf_CA	1x1
DINH_FId.DFC_VehVSclOutOT_CA	2x1

DINH_FId.DFC_VehVSclOutSCB_Enf_CA	1x1
DINH_FId.DFC_VehVSclOutSCB_CA	2x1
DINH_FId.DFC_VehVSclOutSCG_Enf_CA	1x1
DINH_FId.DFC_VehVSclOutSCG_CA	2x1
DINH_FId.DFC_VehVSigFL_Enf_CA	2x1
DINH_FId.DFC_VehVSigFL_CA	2x1
DINH_FId.DFC_VehVSigFR_Enf_CA	2x1
DINH_FId.DFC_VehVSigFR_CA	2x1
DINH_FId.DFC_VehVSigRL_Enf_CA	2x1
DINH_FId.DFC_VehVSigRL_CA	2x1
DINH_FId.DFC_VehVSigRR_Enf_CA	2x1
DINH_FId.DFC_VehVSigRR_CA	2x1
DINH_FId.DFC_VlvLftFbSwtExh11SpclFail_Enf_CA	28x1
DINH_FId.DFC_VlvLftFbSwtExh11SpclFail_CA	6x1
DINH_FId.DFC_VlvLftFbSwtExh11StdFail_Enf_CA	28x1
DINH_FId.DFC_VlvLftFbSwtExh11StdFail_CA	7x1
DINH_FId.DFC_DHFHD_CA	3x1
DINH_FId.DFC_InjVlv_DI_NoLd_0_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_NoLd_0_CA	5x1
DINH_FId.DFC_InjVlv_DI_NoLd_1_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_NoLd_1_CA	5x1
DINH_FId.DFC_InjVlv_DI_NoLd_2_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_NoLd_2_CA	5x1
DINH_FId.DFC_InjVlv_DI_NoLd_3_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_NoLd_3_CA	5x1
DINH_FId.DFC_InjVlv_DI_ScBnk_0_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_ScBnk_0_CA	5x1
DINH_FId.DFC_InjVlv_DI_ScBnk_1_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_ScBnk_1_CA	5x1
DINH_FId.DFC_InjVlv_DI_ScBnk_2_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_ScBnk_2_CA	5x1
DINH_FId.DFC_InjVlv_DI_ScBnk_3_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_ScBnk_3_CA	5x1
DINH_FId.DFC_InjVlv_DI_ScCyl_0_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_ScCyl_0_CA	3x1
DINH_FId.DFC_InjVlv_DI_ScCyl_1_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_ScCyl_1_CA	3x1
DINH_FId.DFC_InjVlv_DI_ScCyl_2_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_ScCyl_2_CA	3x1
DINH_FId.DFC_InjVlv_DI_ScCyl_3_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_ScCyl_3_CA	3x1
DINH_FId.DFC_InjVlv_DI_ScHsLs_0_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_ScHsLs_0_CA	5x1
DINH_FId.DFC_InjVlv_DI_ScHsLs_1_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_ScHsLs_1_CA	5x1
DINH_FId.DFC_InjVlv_DI_ScHsLs_2_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_ScHsLs_2_CA	5x1
DINH_FId.DFC_InjVlv_DI_ScHsLs_3_Enf_CA	7x1
DINH_FId.DFC_InjVlv_DI_ScHsLs_3_CA	5x1
DINH_FId.DFC_MfPsDiaOpenLoad1_Enf_CA	8x1
DINH_FId.DFC_MfPsDiaOpenLoad1_CA	6x1
DINH_FId.DFC_MfPsDiaScHiS1_Enf_CA	8x1
DINH_FId.DFC_MfPsDiaScHiS1_CA	6x1
DINH_FId.DFC_MfPsDiaScHiSLowS1_Enf_CA	8x1
DINH_FId.DFC_MfPsDiaScHiSLowS1_CA	6x1
DINH_FId.DFC_MfPsDiaScLowS1_Enf_CA	8x1
DINH_FId.DFC_MfPsDiaScLowS1_CA	6x1
DINH_FId.DFC_MfPsOpenLoad_Enf_CA	2x1
DINH_FId.DFC_MfPsOpenLoad_CA	2x1
DINH_FId.DFC_MfPsShCirBattLowSide_Enf_CA	2x1
DINH_FId.DFC_MfPsShCirBattLowSide_CA	2x1
DINH_FId.DFC_MfPsShCirGndLowSide_Enf_CA	3x1
DINH_FId.DFC_MfPsShCirGndLowSide_CA	2x1
DINH_FId.DFC_ACEvpTPhysRngHi_Enf_CA	2x1
DINH_FId.DFC_ACEvpTPhysRngHi_CA	2x1
DINH_FId.DFC_ACEvpTPhysRngLo_Enf_CA	2x1
DINH_FId.DFC_ACEvpTPhysRngLo_CA	2x1
DINH_FId.DFC_ACEvpTSRCMax_Enf_CA	3x1
DINH_FId.DFC_ACEvpTSRCMax_CA	2x1
DINH_FId.DFC_ACEvpTSRCMin_Enf_CA	3x1
DINH_FId.DFC_ACEvpTSRCMin_CA	2x1
DINH_FId.DFC_AirCClntPAnaSRCMax_Enf_CA	2x1
DINH_FId.DFC_AirCClntPAnaSRCMax_CA	4x1
DINH_FId.DFC_AirCClntPAnaSRCMin_Enf_CA	2x1
DINH_FId.DFC_AirCClntPAnaSRCMin_CA	4x1
DINH_FId.DFC_AirCSwtNpl_Enf_CA	1x1
DINH_FId.DFC_AirCSwtNpl_CA	2x1
DINH_FId.DFC_AirCSwtSig_Enf_CA	1x1
DINH_FId.DFC_AirCSwtSig_CA	2x1
DINH_FId.DFC_Brk_CA	2x1
DINH_FId.DFC_Brk_CA	2x1
DINH_FId.DFC_BrkBstSensSCB_CA	7x1
DINH_FId.DFC_BrkBstSensSCG_CA	7x1
DINH_FId.DFC_BrkPPhysRngHi_Enf_CA	2x1
DINH_FId.DFC_BrkPPhysRngHi_CA	2x1
DINH_FId.DFC_BrkPPhysRngLo_Enf_CA	2x1
DINH_FId.DFC_BrkPPhysRngLo_CA	2x1
DINH_FId.DFC_BrkSig_Enf_CA	4x1
DINH_FId.DFC_BrkSig_CA	2x1
DINH_FId.DFC_ClthSig_Enf_CA	3x1
DINH_FId.DFC_ClthSig_CA	5x1
DINH_FId.DFC_EngSpdOL_CA	2x1
DINH_FId.DFC_EngSpdOT_CA	2x1
DINH_FId.DFC_EngSpdSCB_CA	2x1
DINH_FId.DFC_EngSpdSCG_CA	2x1
DINH_FId.DFC_GbxNPosSig_Enf_CA	2x1
DINH_FId.DFC_GbxNPosSig_CA	6x1
DINH_FId.DFC_HLSDemOvhtEngLim_CA	2x1
DINH_FId.DFC_OilPSwmpSRCMax_Enf_CA	8x1
DINH_FId.DFC_OilPSwmpSRCMax_CA	2x1

DINH_Fld.DFC_OilPSwmpSRCMin_Enf_CA	9x1
DINH_Fld.DFC_OilPSwmpSRCMin_CA	2x1
DINH_Fld.DFC_VehVPhysRngHi_Enf_CA	44x1
DINH_Fld.DFC_VehVPhysRngHi_CA	16x1
DINH_Fld.DFC_VehVPhysRngLo_Enf_CA	37x1
DINH_Fld.DFC_VehVPhysRngLo_CA	8x1
DINH_Fld.DFC_VehVSigCan_Enf_CA	2x1
DINH_Fld.DFC_VehVSigCan_CA	3x1
DINH_Fld.DFC_VehVSigCanSafe_Enf_CA	2x1
DINH_Fld.DFC_VehVSigCanSafe_CA	3x1
DINH_Fld.DFC_ClthNpl_Enf_CA	3x1
DINH_Fld.DFC_ClthNpl_CA	7x1
DINH_Fld.DFC_MRlySCG_Enf_CA	1x1
DINH_Fld.DFC_MRlySCG_CA	2x1
DINH_Fld.DFC_MisfDetVWhlFrntLeOORHi_CA	2x1
DINH_Fld.DFC_MisfDetVWhlFrntLeRatyHi_CA	2x1
DINH_Fld.DFC_MisfDetVWhlFrntLeRatyLo_CA	2x1
DINH_Fld.DFC_MisfDetVWhlFrntLeStuck_CA	2x1
DINH_Fld.DFC_MisfDetVWhlFrntRiOORHi_CA	2x1
DINH_Fld.DFC_MisfDetVWhlFrntRiRatyHi_CA	2x1
DINH_Fld.DFC_MisfDetVWhlFrntRiRatyLo_CA	2x1
DINH_Fld.DFC_MisfDetVWhlFrntRiStuck_CA	2x1
DINH_Fld.DFC_MisfDetVWhlReLeOORHi_CA	2x1
DINH_Fld.DFC_MisfDetVWhlReLeRatyHi_CA	2x1
DINH_Fld.DFC_MisfDetVWhlReLeRatyLo_CA	2x1
DINH_Fld.DFC_MisfDetVWhlReLeStuck_CA	2x1
DINH_Fld.DFC_MisfDetVWhlReRiOORHi_CA	2x1
DINH_Fld.DFC_MisfDetVWhlReRiRatyHi_CA	2x1
DINH_Fld.DFC_MisfDetVWhlReRiRatyLo_CA	2x1
DINH_Fld.DFC_MisfDetVWhlReRiStuck_CA	2x1
DINH_Fld.DFC_PEnvCcMax_Enf_CA	21x1
DINH_Fld.DFC_PEnvCcMax_CA	6x1
DINH_Fld.DFC_PEnvCcMin_Enf_CA	21x1
DINH_Fld.DFC_PEnvCcMin_CA	6x1
DINH_Fld.DFC_PEnvPlausMax_Enf_CA	22x1
DINH_Fld.DFC_PEnvPlausMax_CA	5x1
DINH_Fld.DFC_PEnvPlausMin_Enf_CA	22x1
DINH_Fld.DFC_PEnvPlausMin_CA	5x1
DINH_Fld.DFC_PEnvRngChkMax_Enf_CA	22x1
DINH_Fld.DFC_PEnvRngChkMax_CA	2x1
DINH_Fld.DFC_PEnvRngChkMin_Enf_CA	22x1
DINH_Fld.DFC_PEnvRngChkMin_CA	2x1
DINH_Fld.DFC_PEnvSnsrPlaus_Enf_CA	21x1
DINH_Fld.DFC_PEnvSnsrPlaus_CA	2x1
DINH_Fld.DFC_UEGOHeatrPsS1B1Max_Enf_CA	32x1
DINH_Fld.DFC_UEGOHeatrPsS1B1Max_CA	6x1
DINH_Fld.DFC_UEGOHeatrPsS1B1Min_Enf_CA	31x1
DINH_Fld.DFC_UEGOHeatrPsS1B1Min_CA	6x1
DINH_Fld.DFC_UEGOHeatrPsS1B1Sig_Enf_CA	31x1
DINH_Fld.DFC_UEGOHeatrPsS1B1Sig_CA	6x1
DINH_Fld.DFC_UEGOHeatrRlyPsOLS1B1_Enf_CA	1x1
DINH_Fld.DFC_UEGOHeatrRlyPsOLS1B1_CA	2x1
DINH_Fld.DFC_UEGOHeatrRlyPsSCBS1B1_Enf_CA	1x1
DINH_Fld.DFC_UEGOHeatrRlyPsSCBS1B1_CA	3x1
DINH_Fld.DFC_UEGOHeatrRlyPsSCGS1B1_Enf_CA	1x1
DINH_Fld.DFC_UEGOHeatrRlyPsSCGS1B1_CA	2x1
DINH_Fld.DFC_KnDetSens1PortAMax_Enf_CA	4x1
DINH_Fld.DFC_KnDetSens1PortAMax_CA	3x1
DINH_Fld.DFC_KnDetSens1PortAMin_Enf_CA	4x1
DINH_Fld.DFC_KnDetSens1PortAMin_CA	3x1
DINH_Fld.DFC_KnDetSens1PortBMax_Enf_CA	6x1
DINH_Fld.DFC_KnDetSens1PortBMax_CA	3x1
DINH_Fld.DFC_KnDetSens1PortBMin_Enf_CA	6x1
DINH_Fld.DFC_KnDetSens1PortBMin_CA	3x1
DINH_Fld.DFC_AFIMRAWZlean_0_CA	2x1
DINH_Fld.DFC_AFIMRAWZlean_1_CA	2x1
DINH_Fld.DFC_AFIMRAWZlean_2_CA	2x1
DINH_Fld.DFC_AFIMRAWZlean_3_CA	2x1
DINH_Fld.DFC_AFIMRAWZrich_0_CA	2x1
DINH_Fld.DFC_AFIMRAWZrich_1_CA	2x1
DINH_Fld.DFC_AFIMRAWZrich_2_CA	2x1
DINH_Fld.DFC_AFIMRAWZrich_3_CA	2x1
DINH_Fld.DFC_AFIMRAWlean_CA	2x1
DINH_Fld.DFC_AFIMRAWrich_CA	2x1
DINH_Fld.DFC_AFIMZlean_0_Enf_CA	1x1
DINH_Fld.DFC_AFIMZlean_0_CA	2x1
DINH_Fld.DFC_AFIMZlean_1_Enf_CA	1x1
DINH_Fld.DFC_AFIMZlean_1_CA	2x1
DINH_Fld.DFC_AFIMZlean_2_Enf_CA	1x1
DINH_Fld.DFC_AFIMZlean_2_CA	2x1
DINH_Fld.DFC_AFIMZlean_3_Enf_CA	1x1
DINH_Fld.DFC_AFIMZlean_3_CA	2x1
DINH_Fld.DFC_AFIMZrich_0_CA	2x1
DINH_Fld.DFC_AFIMZrich_1_CA	2x1
DINH_Fld.DFC_AFIMZrich_2_CA	2x1
DINH_Fld.DFC_AFIMZrich_3_CA	2x1
DINH_Fld.DFC_AFIMlean_CA	2x1
DINH_Fld.DFC_AFIMrich_Enf_CA	1x1
DINH_Fld.DFC_AFIMrich_CA	2x1
DINH_Fld.DFC_Clth2ONStuck_CA	2x1
DINH_Fld.DFC_Clth2ONStuckLdc_CA	4x1
DINH_Fld.DFC_Clth3ONStuckLdc_CA	5x1
DINH_Fld.DFC_Clth3ONStuckPostDrv_CA	3x1
DINH_Fld.DFC_Clth4ONStuck_CA	2x1
DINH_Fld.DFC_Clth4ONStuckLdc_CA	9x1
DINH_Fld.DFC_DSTDmax_CA	2x1
DINH_Fld.DFC_DYLSUmin_CA	2x1
DINH_Fld.DFC_EEPEraseErr_CA	3x1
DINH_Fld.DFC_EbsSocFlt_CA	2x1

DINH_Fld.DFC_EepShdw_Enf_CA	2x1
DINH_Fld.DFC_EepShdw_CA	4x1
DINH_Fld.DFC_EngPrtTMFWShOff_CA	2x1
DINH_Fld.DFC_I14229VINErr_CA	2x1
DINH_Fld.DFC_InjCatHeatgErr_CA	2x1
DINH_Fld.DFC_LLRHmax_Enf_CA	5x1
DINH_Fld.DFC_LLRHmax_CA	2x1
DINH_Fld.DFC_LLRHmin_Enf_CA	5x1
DINH_Fld.DFC_LLRHmin_CA	2x1
DINH_Fld.DFC_LLRHnpl_Enf_CA	6x1
DINH_Fld.DFC_LLRHnpl_CA	2x1
DINH_Fld.DFC_LLRKHmax_CA	2x1
DINH_Fld.DFC_LLRKHmin_CA	2x1
DINH_Fld.DFC_LLRKHnpl_CA	2x1
DINH_Fld.DFC_OilPlausErr_CA	2x1
DINH_Fld.DFC_RoughRoad_CA	5x1
DINH_Fld.DFC_SiaEEPRdErr_Enf_CA	1x1
DINH_Fld.DFC_SiaEEPRdErr_CA	2x1
DINH_Fld.DFC_SiaEEPWrngCod_Enf_CA	1x1
DINH_Fld.DFC_SiaEEPWrngCod_CA	2x1
DINH_Fld.DFC_Tprot_Rttp_Err_CA	2x1
DINH_Fld.DFC_UegoDummy_CA	2x1
DINH_Fld.DFC_VehVMax_CA	2x1
DINH_Fld.DFC_VehVPlaus_CA	2x1
DINH_Fld.DFC_AAVEmax_Enf_CA	9x1
DINH_Fld.DFC_AAVEmax_CA	2x1
DINH_Fld.DFC_AAVEmin_Enf_CA	9x1
DINH_Fld.DFC_AAVEmin_CA	2x1
DINH_Fld.DFC_AAVEsig_Enf_CA	9x1
DINH_Fld.DFC_AAVEsig_CA	2x1
DINH_Fld.DFC_AAVmin_Enf_CA	1x1
DINH_Fld.DFC_AAVmin_CA	2x1
DINH_Fld.DFC_BBKRnldg_Enf_CA	2x1
DINH_Fld.DFC_BBKRnldg_CA	2x1
DINH_Fld.DFC_BBKRsyne_Enf_CA	2x1
DINH_Fld.DFC_BBKRsyne_CA	2x1
DINH_Fld.DFC_BigLeakIntkMnfldEmiInfl_Enf_CA	3x1
DINH_Fld.DFC_BigLeakIntkMnfldEmiInfl_CA	3x1
DINH_Fld.DFC_BrkMnSwtContOnWarnLmp_Enf_CA	1x1
DINH_Fld.DFC_BrkMnSwtContOnWarnLmp_CA	4x1
DINH_Fld.DFC_BrkMnSwtNotStpWarnLmp_Enf_CA	1x1
DINH_Fld.DFC_BrkMnSwtNotStpWarnLmp_CA	4x1
DINH_Fld.DFC_BrkRdntSwtContOnWarnLmp_Enf_CA	1x1
DINH_Fld.DFC_BrkRdntSwtContOnWarnLmp_CA	4x1
DINH_Fld.DFC_BrkRdntSwtNotStpWarnLmp_Enf_CA	1x1
DINH_Fld.DFC_BrkRdntSwtNotStpWarnLmp_CA	4x1
DINH_Fld.DFC_CEngDsTColdStrtMax_Enf_CA	43x1
DINH_Fld.DFC_CEngDsTColdStrtMax_CA	9x1
DINH_Fld.DFC_CEngDsTColdStrtMin_Enf_CA	43x1
DINH_Fld.DFC_CEngDsTColdStrtMin_CA	9x1
DINH_Fld.DFC_CEngDsTImps_Enf_CA	43x1
DINH_Fld.DFC_CEngDsTImps_CA	8x1
DINH_Fld.DFC_CEngDsTPlausHSC_Enf_CA	43x1
DINH_Fld.DFC_CEngDsTPlausHSC_CA	9x1
DINH_Fld.DFC_CEngDsTPlausLSC_Enf_CA	46x1
DINH_Fld.DFC_CEngDsTPlausLSC_CA	9x1
DINH_Fld.DFC_CEngDsTPlausSTC_Enf_CA	43x1
DINH_Fld.DFC_CEngDsTPlausSTC_CA	9x1
DINH_Fld.DFC_CEngDsTSRCMax_Enf_CA	50x1
DINH_Fld.DFC_CEngDsTSRCMax_CA	13x1
DINH_Fld.DFC_CEngDsTSRCMin_Enf_CA	50x1
DINH_Fld.DFC_CEngDsTSRCMin_CA	13x1
DINH_Fld.DFC_CEngDsTSig_Enf_CA	45x1
DINH_Fld.DFC_CEngDsTSig_CA	9x1
DINH_Fld.DFC_CEngUsTSRCMax_Enf_CA	7x1
DINH_Fld.DFC_CEngUsTSRCMax_CA	3x1
DINH_Fld.DFC_CEngUsTSRCMin_Enf_CA	7x1
DINH_Fld.DFC_CEngUsTSRCMin_CA	3x1
DINH_Fld.DFC_CFCmax_CA	2x1
DINH_Fld.DFC_CILCNMsfMax_0_CA	3x1
DINH_Fld.DFC_CILCNMsfMax_1_CA	3x1
DINH_Fld.DFC_CILCNMsfMax_2_CA	3x1
DINH_Fld.DFC_CILCNMsfMax_3_CA	3x1
DINH_Fld.DFC_CILCNMsfMaxSum_CA	3x1
DINH_Fld.DFC_CtT_Enf_CA	1x1
DINH_Fld.DFC_CtT_CA	2x1
DINH_Fld.DFC_DCDCFltDet_CA	8x1
DINH_Fld.DFC_DFRMmax_Enf_CA	12x1
DINH_Fld.DFC_DFRMmax_CA	2x1
DINH_Fld.DFC_DFRMmin_Enf_CA	12x1
DINH_Fld.DFC_DFRMmin_CA	2x1
DINH_Fld.DFC_DKRSA_Enf_CA	5x1
DINH_Fld.DFC_DKRSA_CA	3x1
DINH_Fld.DFC_DKVSmax_CA	2x1
DINH_Fld.DFC_DKnpl_CA	2x1
DINH_Fld.DFC_DSKVRmax_Enf_CA	11x1
DINH_Fld.DFC_DSKVRmax_CA	3x1
DINH_Fld.DFC_DSKVRmin_Enf_CA	11x1
DINH_Fld.DFC_DSKVRmin_CA	3x1
DINH_Fld.DFC_DSKVRnpl_Enf_CA	3x1
DINH_Fld.DFC_DSKVRnpl_CA	2x1
DINH_Fld.DFC_DSKVRsig_Enf_CA	3x1
DINH_Fld.DFC_DSKVRsig_CA	2x1
DINH_Fld.DFC_DSKVSsig_Enf_CA	9x1
DINH_Fld.DFC_DSKVSsig_CA	3x1
DINH_Fld.DFC_DSKVmax_Enf_CA	17x1
DINH_Fld.DFC_DSKVmax_CA	6x1
DINH_Fld.DFC_DSKVmin_Enf_CA	17x1
DINH_Fld.DFC_DSKVmin_CA	6x1

DINH_Fld.DFC_DSKVnpl_Enf_CA	14x1
DINH_Fld.DFC_DSKVnpl_CA	3x1
DINH_Fld.DFC_DSLmax_CA	2x1
DINH_Fld.DFC_DSSmax_CA	2x1
DINH_Fld.DFC_DSTEmax_Enf_CA	6x1
DINH_Fld.DFC_DSTEmax_CA	2x1
DINH_Fld.DFC_DSTEmin_Enf_CA	6x1
DINH_Fld.DFC_DSTEmin_CA	2x1
DINH_Fld.DFC_DSTRmax_Enf_CA	5x1
DINH_Fld.DFC_DSTRmax_CA	2x1
DINH_Fld.DFC_DSTRmin_Enf_CA	5x1
DINH_Fld.DFC_DSTRmin_CA	2x1
DINH_Fld.DFC_DSTRnpl_Enf_CA	5x1
DINH_Fld.DFC_DSTRnpl_CA	2x1
DINH_Fld.DFC_DSTRsig_Enf_CA	5x1
DINH_Fld.DFC_DSTRsig_CA	2x1
DINH_Fld.DFC_DSTTI_CA	3x1
DINH_Fld.DFC_DSTmax_CA	2x1
DINH_Fld.DFC_DSUmax_CA	2x1
DINH_Fld.DFC_EEPRdErr_Enf_CA	2x1
DINH_Fld.DFC_EEPRdErr_CA	6x1
DINH_Fld.DFC_EEPWrErr_Enf_CA	2x1
DINH_Fld.DFC_EEPWrErr_CA	5x1
DINH_Fld.DFC_EGFEmax_CA	2x1
DINH_Fld.DFC_EGFEmin_CA	2x1
DINH_Fld.DFC_EGSDUS2B1LtrDly_Enf_CA	10x1
DINH_Fld.DFC_EGSDUS2B1LtrDly_CA	2x1
DINH_Fld.DFC_EGSDUS2B1LtrPT1_Enf_CA	10x1
DINH_Fld.DFC_EGSDUS2B1LtrPT1_CA	2x1
DINH_Fld.DFC_EGSDUS2B1RtlDly_Enf_CA	10x1
DINH_Fld.DFC_EGSDUS2B1RtlDly_CA	2x1
DINH_Fld.DFC_EGSDUS2B1RtlPT1_Enf_CA	10x1
DINH_Fld.DFC_EGSDUS2B1RtlPT1_CA	2x1
DINH_Fld.DFC_EGSDUS2B1TarLean_Enf_CA	18x1
DINH_Fld.DFC_EGSDUS2B1TarLean_CA	2x1
DINH_Fld.DFC_EGSDUS2B1TarRich_Enf_CA	18x1
DINH_Fld.DFC_EGSDUS2B1TarRich_CA	2x1
DINH_Fld.DFC_EONVmax_CA	2x1
DINH_Fld.DFC_ETAKHLmax_CA	2x1
DINH_Fld.DFC_ETAKHTmax_CA	2x1
DINH_Fld.DFC_EngPrtOvrSpdMon_CA	2x1
DINH_Fld.DFC_EnvTMBCMax_Enf_CA	17x1
DINH_Fld.DFC_EnvTMBCMax_CA	3x1
DINH_Fld.DFC_EnvTMBCMin_Enf_CA	17x1
DINH_Fld.DFC_EnvTMBCMin_CA	3x1
DINH_Fld.DFC_EnvTPRCMax_Enf_CA	18x1
DINH_Fld.DFC_EnvTPRCMax_CA	3x1
DINH_Fld.DFC_EnvTPRCMin_Enf_CA	18x1
DINH_Fld.DFC_EnvTPRCMin_CA	3x1
DINH_Fld.DFC_EpmCaSl1ErrSig_Enf_CA	16x1
DINH_Fld.DFC_EpmCaSl1ErrSig_CA	8x1
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DINH_Fld.DFC_EpmCaSl1NoSigMax_Enf_CA	16x1
DINH_Fld.DFC_EpmCaSl1NoSigMax_CA	8x1
DINH_Fld.DFC_EpmCaSl1NoSigMin_Enf_CA	16x1
DINH_Fld.DFC_EpmCaSl1NoSigMin_CA	8x1
DINH_Fld.DFC_EpmCaSl1OfsErr_Enf_CA	33x1
DINH_Fld.DFC_EpmCaSl1OfsErr_CA	11x1
DINH_Fld.DFC_EpmCaSO1ErrSig_Enf_CA	14x1
DINH_Fld.DFC_EpmCaSO1ErrSig_CA	9x1
DINH_Fld.DFC_EpmCaSO1MntErr_Enf_CA	23x1
DINH_Fld.DFC_EpmCaSO1MntErr_CA	12x1
DINH_Fld.DFC_EpmCaSO1NoSigMax_Enf_CA	14x1
DINH_Fld.DFC_EpmCaSO1NoSigMax_CA	7x1
DINH_Fld.DFC_EpmCaSO1NoSigMin_Enf_CA	14x1
DINH_Fld.DFC_EpmCaSO1NoSigMin_CA	7x1
DINH_Fld.DFC_EpmCaSO1OfsErr_Enf_CA	33x1
DINH_Fld.DFC_EpmCaSO1OfsErr_CA	12x1
DINH_Fld.DFC_EpmCrSDGI_Enf_CA	5x1
DINH_Fld.DFC_EpmCrSDGI_CA	7x1
DINH_Fld.DFC_EpmCrSErrSig_Enf_CA	50x1
DINH_Fld.DFC_EpmCrSErrSig_CA	13x1
DINH_Fld.DFC_EpmCrSNoSig_Enf_CA	52x1
DINH_Fld.DFC_EpmCrSNoSig_CA	13x1
DINH_Fld.DFC_FRAmax_Enf_CA	16x1
DINH_Fld.DFC_FRAmax_CA	5x1
DINH_Fld.DFC_FRAmin_Enf_CA	16x1
DINH_Fld.DFC_FRAmin_CA	5x1
DINH_Fld.DFC_FSTEmax_CA	2x1
DINH_Fld.DFC_FSTEmin_CA	2x1
DINH_Fld.DFC_FSTRmax_CA	2x1
DINH_Fld.DFC_FSTRmin_CA	2x1
DINH_Fld.DFC_FSTRnpl_CA	2x1
DINH_Fld.DFC_FSTmax_CA	2x1
DINH_Fld.DFC_FTDLAmax_Enf_CA	19x1
DINH_Fld.DFC_FTDLAmax_CA	4x1
DINH_Fld.DFC_FTDLAmin_Enf_CA	19x1
DINH_Fld.DFC_FTDLAmin_CA	4x1
DINH_Fld.DFC_GEVlvLockPinDiagIntkB1_CA	3x1
DINH_Fld.DFC_GEVlvLockPinDiagOutlB1_CA	3x1
DINH_Fld.DFC_GEVlvPhaCsersExtdIntkB1_CA	3x1
DINH_Fld.DFC_GEVlvPhaCsersExtdOutlB1_CA	3x1
DINH_Fld.DFC_GEVlvPhaCsersIntkB1_Enf_CA	7x1
DINH_Fld.DFC_GEVlvPhaCsersIntkB1_CA	5x1
DINH_Fld.DFC_GEVlvPhaCsersOutlB1_Enf_CA	7x1
DINH_Fld.DFC_GEVlvPhaCsersOutlB1_CA	5x1
DINH_Fld.DFC_GEVlvPhaSlowIntkB1_Enf_CA	28x1
DINH_Fld.DFC_GEVlvPhaSlowIntkB1_CA	11x1

DINH_Fld.DFC_GEVlvPhaSlowOutlB1_Enf_CA	28x1
DINH_Fld.DFC_GEVlvPhaSlowOutlB1_CA	10x1
DINH_Fld.DFC_GEVlvPhaTarglntkB1_Enf_CA	29x1
DINH_Fld.DFC_GEVlvPhaTarglntkB1_CA	11x1
DINH_Fld.DFC_GEVlvPhaTargOutlB1_Enf_CA	29x1
DINH_Fld.DFC_GEVlvPhaTargOutlB1_CA	10x1
DINH_Fld.DFC_GbxRvsSwtStk_CA	6x1
DINH_Fld.DFC_HDRKHmax_Enf_CA	2x1
DINH_Fld.DFC_HDRKHmax_CA	2x1
DINH_Fld.DFC_HDRKHmin_Enf_CA	2x1
DINH_Fld.DFC_HDRKHmin_CA	2x1
DINH_Fld.DFC_HDRPLmax_Enf_CA	2x1
DINH_Fld.DFC_HDRPLmax_CA	2x1
DINH_Fld.DFC_HDRPLmin_Enf_CA	2x1
DINH_Fld.DFC_HDRPLmin_CA	2x1
DINH_Fld.DFC_HDRmax_Enf_CA	9x1
DINH_Fld.DFC_HDRmax_CA	6x1
DINH_Fld.DFC_HDRmin_Enf_CA	10x1
DINH_Fld.DFC_HDRmin_CA	6x1
DINH_Fld.DFC_HEGOS2B1ElecMax_Enf_CA	21x1
DINH_Fld.DFC_HEGOS2B1ElecMax_CA	2x1
DINH_Fld.DFC_HEGOS2B1ElecMin_Enf_CA	20x1
DINH_Fld.DFC_HEGOS2B1ElecMin_CA	2x1
DINH_Fld.DFC_HEGOS2B1ElecNpl_Enf_CA	17x1
DINH_Fld.DFC_HEGOS2B1ElecNpl_CA	2x1
DINH_Fld.DFC_HEGOS2B1ElecSig_Enf_CA	20x1
DINH_Fld.DFC_HEGOS2B1ElecSig_CA	2x1
DINH_Fld.DFC_HEGOS2B1HtgNpl_Enf_CA	15x1
DINH_Fld.DFC_HEGOS2B1HtgNpl_CA	2x1
DINH_Fld.DFC_HEGOS2B1HtrPsMax_Enf_CA	21x1
DINH_Fld.DFC_HEGOS2B1HtrPsMax_CA	2x1
DINH_Fld.DFC_HEGOS2B1HtrPsMin_Enf_CA	21x1
DINH_Fld.DFC_HEGOS2B1HtrPsMin_CA	2x1
DINH_Fld.DFC_HEGOS2B1HtrPsSig_Enf_CA	21x1
DINH_Fld.DFC_HEGOS2B1HtrPsSig_CA	2x1
DINH_Fld.DFC_HEV00max_Enf_CA	1x1
DINH_Fld.DFC_HEV00max_CA	2x1
DINH_Fld.DFC_HEV01max_Enf_CA	1x1
DINH_Fld.DFC_HEV01max_CA	2x1
DINH_Fld.DFC_HEV02max_Enf_CA	1x1
DINH_Fld.DFC_HEV02max_CA	2x1
DINH_Fld.DFC_HEV03max_Enf_CA	1x1
DINH_Fld.DFC_HEV03max_CA	2x1
DINH_Fld.DFC_HEVE0max_Enf_CA	3x1
DINH_Fld.DFC_HEVE0max_CA	2x1
DINH_Fld.DFC_HEVE1max_Enf_CA	3x1
DINH_Fld.DFC_HEVE1max_CA	2x1
DINH_Fld.DFC_HFM1Emax_Enf_CA	28x1
DINH_Fld.DFC_HFM1Emax_CA	3x1
DINH_Fld.DFC_HFM1Emin_Enf_CA	28x1
DINH_Fld.DFC_HFM1Emin_CA	3x1
DINH_Fld.DFC_HFM1Esig_Enf_CA	24x1
DINH_Fld.DFC_HFM1Esig_CA	3x1
DINH_Fld.DFC_HFMEmax_CA	2x1
DINH_Fld.DFC_HFMRmax_Enf_CA	24x1
DINH_Fld.DFC_HFMRmax_CA	3x1
DINH_Fld.DFC_HFMRmin_Enf_CA	24x1
DINH_Fld.DFC_HFMRmin_CA	3x1
DINH_Fld.DFC_HFMRnpl_Enf_CA	23x1
DINH_Fld.DFC_HFMRnpl_CA	3x1
DINH_Fld.DFC_HFMRsig_Enf_CA	22x1
DINH_Fld.DFC_HFMRsig_CA	3x1
DINH_Fld.DFC_HFMVmax_Enf_CA	22x1
DINH_Fld.DFC_HFMVmax_CA	3x1
DINH_Fld.DFC_HFMmax_CA	2x1
DINH_Fld.DFC_IVGdiCtlCvoErrMax_0_CA	2x1
DINH_Fld.DFC_IVGdiCtlCvoErrMax_1_CA	2x1
DINH_Fld.DFC_IVGdiCtlCvoErrMax_2_CA	2x1
DINH_Fld.DFC_IVGdiCtlCvoErrMax_3_CA	2x1
DINH_Fld.DFC_IVGdiCtlCvoErrMin_0_CA	2x1
DINH_Fld.DFC_IVGdiCtlCvoErrMin_1_CA	2x1
DINH_Fld.DFC_IVGdiCtlCvoErrMin_2_CA	2x1
DINH_Fld.DFC_IVGdiCtlCvoErrMin_3_CA	2x1
DINH_Fld.DFC_IVGdiCtlCvoErrMinMax_CA	2x1
DINH_Fld.DFC_IVGdiCtlCvoSigPlausErrSmrCdn_CA	2x1
DINH_Fld.DFC_IVGdiCtl_CvoErr_CA	2x1
DINH_Fld.DFC_IVGdiCtl_CvoSigPlaus_0_CA	2x1
DINH_Fld.DFC_IVGdiCtl_CvoSigPlaus_1_CA	2x1
DINH_Fld.DFC_IVGdiCtl_CvoSigPlaus_2_CA	2x1
DINH_Fld.DFC_IVGdiCtl_CvoSigPlaus_3_CA	2x1
DINH_Fld.DFC_IntkAirTAirFltDsCrssMax_Enf_CA	1x1
DINH_Fld.DFC_IntkAirTAirFltDsCrssMax_CA	2x1
DINH_Fld.DFC_IntkAirTAirFltDsCrssMin_Enf_CA	1x1
DINH_Fld.DFC_IntkAirTAirFltDsCrssMin_CA	2x1
DINH_Fld.DFC_IntkAirTAirFltDsHSCMax_Enf_CA	1x1
DINH_Fld.DFC_IntkAirTAirFltDsHSCMax_CA	2x1
DINH_Fld.DFC_IntkAirTAirFltDsImps_Enf_CA	5x1
DINH_Fld.DFC_IntkAirTAirFltDsImps_CA	2x1
DINH_Fld.DFC_IntkAirTAirFltDsPRCMax_Enf_CA	1x1
DINH_Fld.DFC_IntkAirTAirFltDsPRCMax_CA	2x1
DINH_Fld.DFC_IntkAirTAirFltDsPRCMin_Enf_CA	1x1
DINH_Fld.DFC_IntkAirTAirFltDsPRCMin_CA	2x1
DINH_Fld.DFC_IntkAirTAirFltDsSRCMax_Enf_CA	7x1
DINH_Fld.DFC_IntkAirTAirFltDsSRCMax_CA	3x1
DINH_Fld.DFC_IntkAirTAirFltDsSRCMin_Enf_CA	7x1
DINH_Fld.DFC_IntkAirTAirFltDsSRCMin_CA	3x1
DINH_Fld.DFC_IntkAirTAirFltDsSTC_Enf_CA	1x1
DINH_Fld.DFC_IntkAirTAirFltDsSTC_CA	2x1
DINH_Fld.DFC_IntkAirTIntkMnfldCrssMax_Enf_CA	14x1

DINH_Fld.DFC_IntkAirTIntkMnfldCrssMax_CA	4x1
DINH_Fld.DFC_IntkAirTIntkMnfldCrssMin_Enf_CA	14x1
DINH_Fld.DFC_IntkAirTIntkMnfldCrssMin_CA	4x1
DINH_Fld.DFC_IntkAirTIntkMnfldHSCMax_Enf_CA	14x1
DINH_Fld.DFC_IntkAirTIntkMnfldHSCMax_CA	4x1
DINH_Fld.DFC_IntkAirTIntkMnfldImps_Enf_CA	18x1
DINH_Fld.DFC_IntkAirTIntkMnfldImps_CA	4x1
DINH_Fld.DFC_IntkAirTIntkMnfldPRCMax_Enf_CA	14x1
DINH_Fld.DFC_IntkAirTIntkMnfldPRCMax_CA	5x1
DINH_Fld.DFC_IntkAirTIntkMnfldPRCMin_Enf_CA	16x1
DINH_Fld.DFC_IntkAirTIntkMnfldPRCMin_CA	5x1
DINH_Fld.DFC_IntkAirTIntkMnfldSRCMax_Enf_CA	21x1
DINH_Fld.DFC_IntkAirTIntkMnfldSRCMax_CA	5x1
DINH_Fld.DFC_IntkAirTIntkMnfldSRCMin_Enf_CA	21x1
DINH_Fld.DFC_IntkAirTIntkMnfldSRCMin_CA	5x1
DINH_Fld.DFC_IntkAirTIntkMnfldSTC_Enf_CA	14x1
DINH_Fld.DFC_IntkAirTIntkMnfldSTC_CA	4x1
DINH_Fld.DFC_KRREGRLMX_CA	2x1
DINH_Fld.DFC_KRVEKOCVLCI_CA	2x1
DINH_Fld.DFC_KRVEKOENCHMT_CA	2x1
DINH_Fld.DFC_KRVEKORLMX_CA	2x1
DINH_Fld.DFC_KRVEKORLMXL_CA	2x1
DINH_Fld.DFC_KS1max_Enf_CA	5x1
DINH_Fld.DFC_KS1max_CA	3x1
DINH_Fld.DFC_KS1min_Enf_CA	5x1
DINH_Fld.DFC_KS1min_CA	3x1
DINH_Fld.DFC_LDRRmax_Enf_CA	7x1
DINH_Fld.DFC_LDRRmax_CA	3x1
DINH_Fld.DFC_LDRRmin_Enf_CA	7x1
DINH_Fld.DFC_LDRRmin_CA	3x1
DINH_Fld.DFC_LMmax_Enf_CA	2x1
DINH_Fld.DFC_LMmax_CA	3x1
DINH_Fld.DFC_LZSRnpl_Enf_CA	1x1
DINH_Fld.DFC_LZSRnpl_CA	5x1
DINH_Fld.DFC_LamDynDiagS1B1_Enf_CA	27x1
DINH_Fld.DFC_LamDynDiagS1B1_CA	5x1
DINH_Fld.DFC_LeakIntkMnfldEmiInfl_Enf_CA	1x1
DINH_Fld.DFC_LeakIntkMnfldEmiInfl_CA	2x1
DINH_Fld.DFC_MD_Enf_CA	35x1
DINH_Fld.DFC_MD_CA	6x1
DINH_Fld.DFC_MDBmax_Enf_CA	3x1
DINH_Fld.DFC_MDBmax_CA	2x1
DINH_Fld.DFC_MDCatCrit_Enf_CA	1x1
DINH_Fld.DFC_MDCatCrit_CA	2x1
DINH_Fld.DFC_MDCyl_0_Enf_CA	3x1
DINH_Fld.DFC_MDCyl_0_CA	3x1
DINH_Fld.DFC_MDCyl_1_Enf_CA	3x1
DINH_Fld.DFC_MDCyl_1_CA	3x1
DINH_Fld.DFC_MDCyl_2_Enf_CA	3x1
DINH_Fld.DFC_MDCyl_2_CA	3x1
DINH_Fld.DFC_MDCyl_3_Enf_CA	3x1
DINH_Fld.DFC_MDCyl_3_CA	3x1
DINH_Fld.DFC_MDFC_Enf_CA	2x1
DINH_Fld.DFC_MDFC_CA	5x1
DINH_Fld.DFC_MRlyErlyOpng_CA	2x1
DINH_Fld.DFC_MRlyErlyOpngRng_CA	2x1
DINH_Fld.DFC_MRlyStk_CA	2x1
DINH_Fld.DFC_MoCADCNTP_Enf_CA	3x1
DINH_Fld.DFC_MoCADCNTP_CA	7x1
DINH_Fld.DFC_MoCADCTst_Enf_CA	3x1
DINH_Fld.DFC_MoCADCTst_CA	7x1
DINH_Fld.DFC_MoCComctErrMM_Enf_CA	3x1
DINH_Fld.DFC_MoCComctErrMM_CA	6x1
DINH_Fld.DFC_MoFAPP_Enf_CA	3x1
DINH_Fld.DFC_MoFAPP_CA	8x1
DINH_Fld.DFC_MoFAirFilgPrdc_Enf_CA	3x1
DINH_Fld.DFC_MoFAirFilgPrdc_CA	6x1
DINH_Fld.DFC_MoFAirFlCtOff_Enf_CA	3x1
DINH_Fld.DFC_MoFAirFlCtOff_CA	5x1
DINH_Fld.DFC_MoFAirFlCyl_Enf_CA	3x1
DINH_Fld.DFC_MoFAirFlCyl_CA	5x1
DINH_Fld.DFC_MoFESpd_Enf_CA	3x1
DINH_Fld.DFC_MoFESpd_CA	7x1
DINH_Fld.DFC_MoFGkc_Enf_CA	3x1
DINH_Fld.DFC_MoFGkc_CA	6x1
DINH_Fld.DFC_MoFICOL1_Enf_CA	3x1
DINH_Fld.DFC_MoFICOL1_CA	6x1
DINH_Fld.DFC_MoFICOL2_Enf_CA	1x1
DINH_Fld.DFC_MoFICOL2_CA	3x1
DINH_Fld.DFC_MoFModc_Enf_CA	3x1
DINH_Fld.DFC_MoFModc_CA	6x1
DINH_Fld.DFC_MoFRlc_Enf_CA	3x1
DINH_Fld.DFC_MoFRlc_CA	6x1
DINH_Fld.DFC_MoFStrt_CA	5x1
DINH_Fld.DFC_MoFTrqCmp_Enf_CA	3x1
DINH_Fld.DFC_MoFTrqCmp_CA	7x1
DINH_Fld.DFC_MoFZwc_Enf_CA	3x1
DINH_Fld.DFC_MoFZwc_CA	3x1
DINH_Fld.DFC_NWSAmax_CA	2x1
DINH_Fld.DFC_NWSEmax_CA	2x1
DINH_Fld.DFC_NWSmax_CA	2x1
DINH_Fld.DFC_OCWDAActv_CA	3x1
DINH_Fld.DFC_OCWDACom_CA	3x1
DINH_Fld.DFC_OCWDAOvrVltg_CA	2x1
DINH_Fld.DFC_ORAmax_Enf_CA	16x1
DINH_Fld.DFC_ORAmax_CA	5x1
DINH_Fld.DFC_ORAmin_Enf_CA	16x1
DINH_Fld.DFC_ORAmin_CA	5x1
DINH_Fld.DFC_OilPPlaus_Enf_CA	1x1

DINH_FId.DFC_OilPPlaus_CA	2x1
DINH_FId.DFC_PLLSUmax_Enf_CA	20x1
DINH_FId.DFC_PLLSUmax_CA	7x1
DINH_FId.DFC_PLLSUmin_Enf_CA	20x1
DINH_FId.DFC_PLLSUmin_CA	7x1
DINH_FId.DFC_PSR1max_CA	2x1
DINH_FId.DFC_PSRBmax_Enf_CA	32x1
DINH_FId.DFC_PSRBmax_CA	8x1
DINH_FId.DFC_PSRBmin_Enf_CA	32x1
DINH_FId.DFC_PSRBmin_CA	8x1
DINH_FId.DFC_PSRBnpl_Enf_CA	36x1
DINH_FId.DFC_PSRBnpl_CA	8x1
DINH_FId.DFC_PSRBsig_Enf_CA	36x1
DINH_FId.DFC_PSRBsig_CA	8x1
DINH_FId.DFC_PSREmax_Enf_CA	36x1
DINH_FId.DFC_PSREmax_CA	8x1
DINH_FId.DFC_PSREmin_Enf_CA	36x1
DINH_FId.DFC_PSREmin_CA	8x1
DINH_FId.DFC_PSRPmax_Enf_CA	32x1
DINH_FId.DFC_PSRPmax_CA	5x1
DINH_FId.DFC_PSRPmin_Enf_CA	32x1
DINH_FId.DFC_PSRPmin_CA	5x1
DINH_FId.DFC_PSRPsig_Enf_CA	31x1
DINH_FId.DFC_PSRPsig_CA	5x1
DINH_FId.DFC_PSRmax_CA	2x1
DINH_FId.DFC_PUmax_CA	2x1
DINH_FId.DFC_PVD1max_CA	2x1
DINH_FId.DFC_PVDEmax_Enf_CA	14x1
DINH_FId.DFC_PVDEmax_CA	3x1
DINH_FId.DFC_PVDEmin_Enf_CA	14x1
DINH_FId.DFC_PVDEmin_CA	3x1
DINH_FId.DFC_PVDRmax_Enf_CA	9x1
DINH_FId.DFC_PVDRmax_CA	3x1
DINH_FId.DFC_PVDRmin_Enf_CA	9x1
DINH_FId.DFC_PVDRmin_CA	3x1
DINH_FId.DFC_PVDRnpl_Enf_CA	13x1
DINH_FId.DFC_PVDRnpl_CA	3x1
DINH_FId.DFC_PVDRsig_Enf_CA	13x1
DINH_FId.DFC_PVDRsig_CA	3x1
DINH_FId.DFC_PVDmax_CA	2x1
DINH_FId.DFC_SRCHighAPP1_Enf_CA	7x1
DINH_FId.DFC_SRCHighAPP1_CA	7x1
DINH_FId.DFC_SRCHighAPP2_Enf_CA	7x1
DINH_FId.DFC_SRCHighAPP2_CA	7x1
DINH_FId.DFC_SRCLowAPP1_Enf_CA	6x1
DINH_FId.DFC_SRCLowAPP1_CA	7x1
DINH_FId.DFC_SRCLowAPP2_Enf_CA	6x1
DINH_FId.DFC_SRCLowAPP2_CA	7x1
DINH_FId.DFC_STATFUmax_CA	2x1
DINH_FId.DFC_STATFUmin_CA	2x1
DINH_FId.DFC_STATFUnpl_CA	2x1
DINH_FId.DFC_STHDRmax_CA	2x1
DINH_FId.DFC_SUVRnpl_Enf_CA	1x1
DINH_FId.DFC_SUVRnpl_CA	2x1
DINH_FId.DFC_SUVmax_CA	2x1
DINH_FId.DFC_SWReset_0_CA	2x1
DINH_FId.DFC_SWReset_1_CA	2x1
DINH_FId.DFC_SWReset_2_CA	2x1
DINH_FId.DFC_StopCntTmr_CA	2x1
DINH_FId.DFC_Stsys_trqshutoff_CA	2x1
DINH_FId.DFC_SyncAPP_Enf_CA	8x1
DINH_FId.DFC_SyncAPP_CA	7x1
DINH_FId.DFC_TACSmax_Dummy_CA	2x1
DINH_FId.DFC_TANKLnpl_CA	2x1
DINH_FId.DFC_TANLESUMmax_Dummy_CA	2x1
DINH_FId.DFC_TANLFmax_Dummy_CA	2x1
DINH_FId.DFC_TARmax_Dummy_CA	2x1
DINH_FId.DFC_TASRESUMmax_Dummy_CA	2x1
DINH_FId.DFC_TASRmax_Dummy_CA	2x1
DINH_FId.DFC_TAmax_Dummy_CA	2x1
DINH_FId.DFC_TESFmax_Enf_CA	1x1
DINH_FId.DFC_TESFmax_CA	2x1
DINH_FId.DFC_TESGmax_Enf_CA	1x1
DINH_FId.DFC_TESGmax_CA	2x1
DINH_FId.DFC_TESKmax_CA	2x1
DINH_FId.DFC_TESPL_CA	2x1
DINH_FId.DFC_TESmax_Enf_CA	19x1
DINH_FId.DFC_TESmax_CA	2x1
DINH_FId.DFC_TESmin_Enf_CA	18x1
DINH_FId.DFC_TESmin_CA	2x1
DINH_FId.DFC_TEVEmax_Enf_CA	26x1
DINH_FId.DFC_TEVEmax_CA	5x1
DINH_FId.DFC_TEVEmin_Enf_CA	26x1
DINH_FId.DFC_TEVEmin_CA	5x1
DINH_FId.DFC_TEVEsig_Enf_CA	26x1
DINH_FId.DFC_TEVEsig_CA	5x1
DINH_FId.DFC_TKACSmax_Enf_CA	4x1
DINH_FId.DFC_TKACSmax_CA	3x1
DINH_FId.DFC_TKACSmin_Enf_CA	4x1
DINH_FId.DFC_TKACSmin_CA	3x1
DINH_FId.DFC_TKAEmax_Enf_CA	7x1
DINH_FId.DFC_TKAEmax_CA	3x1
DINH_FId.DFC_TKAEmin_Enf_CA	7x1
DINH_FId.DFC_TKAEmin_CA	3x1
DINH_FId.DFC_TKARmax_Enf_CA	5x1
DINH_FId.DFC_TKARmax_CA	3x1
DINH_FId.DFC_TKARnpl_Enf_CA	5x1
DINH_FId.DFC_TKARnpl_CA	3x1
DINH_FId.DFC_TMmax_Enf_CA	2x1

DINH_Fld.DFC_TMmax_CA	3x1
DINH_Fld.DFC_TUMPmax_CA	2x1
DINH_Fld.DFC_TUMmax_Enf_CA	1x1
DINH_Fld.DFC_TUMmax_CA	2x1
DINH_Fld.DFC_TWCDPriCatB1_Enf_CA	3x1
DINH_Fld.DFC_TWCDPriCatB1_CA	3x1
DINH_Fld.DFC_ThrVlvClsdPosnFirstOffsLrnImpoB1_Enf_CA	13x1
DINH_Fld.DFC_ThrVlvClsdPosnFirstOffsLrnImpoB1_CA	7x1
DINH_Fld.DFC_ThrVlvClsdPosnOffsLrnImpoB1_Enf_CA	1x1
DINH_Fld.DFC_ThrVlvClsdPosnOffsLrnImpoB1_CA	7x1
DINH_Fld.DFC_ThrVlvClsdPosnOffsLrnMaxB1_Enf_CA	1x1
DINH_Fld.DFC_ThrVlvClsdPosnOffsLrnMaxB1_CA	7x1
DINH_Fld.DFC_ThrVlvClsdPosnOffsLrnMinB1_Enf_CA	1x1
DINH_Fld.DFC_ThrVlvClsdPosnOffsLrnMinB1_CA	7x1
DINH_Fld.DFC_ThrVlvCtrlDeB1_Enf_CA	5x1
DINH_Fld.DFC_ThrVlvCtrlDeB1_CA	8x1
DINH_Fld.DFC_ThrVlvDycB1_Enf_CA	4x1
DINH_Fld.DFC_ThrVlvDycB1_CA	9x1
DINH_Fld.DFC_ThrVlvLimpAirPosnMaxAbsltDriftB1_Enf_CA	1x1
DINH_Fld.DFC_ThrVlvLimpAirPosnMaxAbsltDriftB1_CA	4x1
DINH_Fld.DFC_ThrVlvLimpAirPosnMaxB1_Enf_CA	1x1
DINH_Fld.DFC_ThrVlvLimpAirPosnMaxB1_CA	4x1
DINH_Fld.DFC_ThrVlvLimpAirPosnMaxRelDriftB1_Enf_CA	1x1
DINH_Fld.DFC_ThrVlvLimpAirPosnMaxRelDriftB1_CA	4x1
DINH_Fld.DFC_ThrVlvLimpAirPosnMinB1_Enf_CA	1x1
DINH_Fld.DFC_ThrVlvLimpAirPosnMinB1_CA	4x1
DINH_Fld.DFC_ThrVlvOpenLoadB1_Enf_CA	4x1
DINH_Fld.DFC_ThrVlvOpenLoadB1_CA	8x1
DINH_Fld.DFC_ThrVlvOpenSprgB1_Enf_CA	4x1
DINH_Fld.DFC_ThrVlvOpenSprgB1_CA	6x1
DINH_Fld.DFC_ThrVlvOpenSprgSprdB1_Enf_CA	1x1
DINH_Fld.DFC_ThrVlvOpenSprgSprdB1_CA	3x1
DINH_Fld.DFC_ThrVlvOverTB1_Enf_CA	4x1
DINH_Fld.DFC_ThrVlvOverTB1_CA	8x1
DINH_Fld.DFC_ThrVlvRetSprgB1_Enf_CA	4x1
DINH_Fld.DFC_ThrVlvRetSprgB1_CA	7x1
DINH_Fld.DFC_ThrVlvRetSprgSprdB1_CA	3x1
DINH_Fld.DFC_ThrVlvSens1MaxB1_Enf_CA	28x1
DINH_Fld.DFC_ThrVlvSens1MaxB1_CA	9x1
DINH_Fld.DFC_ThrVlvSens1NplB1_Enf_CA	28x1
DINH_Fld.DFC_ThrVlvSens1NplB1_CA	9x1
DINH_Fld.DFC_ThrVlvSens2MaxB1_Enf_CA	28x1
DINH_Fld.DFC_ThrVlvSens2MaxB1_CA	9x1
DINH_Fld.DFC_ThrVlvSens2MinB1_Enf_CA	28x1
DINH_Fld.DFC_ThrVlvSens2MinB1_CA	9x1
DINH_Fld.DFC_ThrVlvSens2NplB1_Enf_CA	28x1
DINH_Fld.DFC_ThrVlvSens2NplB1_CA	9x1
DINH_Fld.DFC_ThrVlvShoCircB1_Enf_CA	6x1
DINH_Fld.DFC_ThrVlvShoCircB1_CA	8x1
DINH_Fld.DFC_ThrVlvSpiErrB1_Enf_CA	4x1
DINH_Fld.DFC_ThrVlvSpiErrB1_CA	8x1
DINH_Fld.DFC_ThrVlvSpiErrB1_Enf_CA	4x1
DINH_Fld.DFC_ThrVlvSpiErrB1_CA	8x1
DINH_Fld.DFC_ThrvlvSens1MinB1_Enf_CA	28x1
DINH_Fld.DFC_ThrvlvSens1MinB1_CA	9x1
DINH_Fld.DFC_TrbChCtrlDeB1_Enf_CA	8x1
DINH_Fld.DFC_TrbChCtrlDeB1_CA	3x1
DINH_Fld.DFC_TrbChDycB1_Enf_CA	8x1
DINH_Fld.DFC_TrbChDycB1_CA	3x1
DINH_Fld.DFC_TrbChLvrBrknB1_Enf_CA	5x1
DINH_Fld.DFC_TrbChLvrBrknB1_CA	3x1
DINH_Fld.DFC_TrbChOpenLoadB1_Enf_CA	10x1
DINH_Fld.DFC_TrbChOpenLoadB1_CA	3x1
DINH_Fld.DFC_TrbChOverTB1_Enf_CA	10x1
DINH_Fld.DFC_TrbChOverTB1_CA	3x1
DINH_Fld.DFC_TrbChPrmntFirstOffsLrnMaxB1_Enf_CA	9x1
DINH_Fld.DFC_TrbChPrmntFirstOffsLrnMaxB1_CA	3x1
DINH_Fld.DFC_TrbChPrmntFirstOffsLrnMinB1_Enf_CA	9x1
DINH_Fld.DFC_TrbChPrmntFirstOffsLrnMinB1_CA	3x1
DINH_Fld.DFC_TrbChPrmntOffsLrnMaxB1_Enf_CA	9x1
DINH_Fld.DFC_TrbChPrmntOffsLrnMaxB1_CA	3x1
DINH_Fld.DFC_TrbChPrmntOffsLrnMinB1_Enf_CA	9x1
DINH_Fld.DFC_TrbChPrmntOffsLrnMinB1_CA	3x1
DINH_Fld.DFC_TrbChSens1MaxB1_Enf_CA	9x1
DINH_Fld.DFC_TrbChSens1MaxB1_CA	4x1
DINH_Fld.DFC_TrbChSens1MinB1_Enf_CA	9x1
DINH_Fld.DFC_TrbChSens1MinB1_CA	4x1
DINH_Fld.DFC_TrbChShoCircB1_Enf_CA	10x1
DINH_Fld.DFC_TrbChShoCircB1_CA	3x1
DINH_Fld.DFC_TrbChSpiErrB1_Enf_CA	9x1
DINH_Fld.DFC_TrbChSpiErrB1_CA	3x1
DINH_Fld.DFC_UEGOHeatrCtlS1B1_Enf_CA	26x1
DINH_Fld.DFC_UEGOHeatrCtlS1B1_CA	5x1
DINH_Fld.DFC_UEGOSnsrMntdS1B1_Enf_CA	20x1
DINH_Fld.DFC_UEGOSnsrMntdS1B1_CA	5x1
DINH_Fld.DFC_UVSEmax_Enf_CA	4x1
DINH_Fld.DFC_UVSEmax_CA	2x1
DINH_Fld.DFC_UVSEmin_Enf_CA	4x1
DINH_Fld.DFC_UVSEmin_CA	2x1
DINH_Fld.DFC_UVSEsig_Enf_CA	4x1
DINH_Fld.DFC_UVSEsig_CA	2x1
DINH_Fld.DFC_VehVSig_Enf_CA	37x1
DINH_Fld.DFC_VehVSig_CA	15x1
DINH_Fld.DFC_VlvLftExh1max_Enf_CA	29x1
DINH_Fld.DFC_VlvLftExh1max_CA	6x1
DINH_Fld.DFC_VlvLftExh1min_Enf_CA	29x1
DINH_Fld.DFC_VlvLftExh1min_CA	6x1
DINH_Fld.DFC_VlvLftExh1sig_Enf_CA	29x1
DINH_Fld.DFC_VlvLftExh1sig_CA	6x1
DINH_Fld.DSQ_ACClntP_CA	2x1
DINH_Fld.DSQ_ACEvpT_CA	2x1

DINH_Fld.DSQ_AirCCmprActr_CA	2x1
DINH_Fld.DSQ_BattU_Enf_CA	2x1
DINH_Fld.DSQ_BattU_CA	4x1
DINH_Fld.DSQ_BrkBstPMdl_CA	2x1
DINH_Fld.DSQ_BrkP_Enf_CA	1x1
DINH_Fld.DSQ_BrkP_CA	2x1
DINH_Fld.DSQ_CEngDsT_Enf_CA	4x1
DINH_Fld.DSQ_CEngDsT_CA	3x1
DINH_Fld.DSQ_CEngUsT_CA	2x1
DINH_Fld.DSQ_DSMInhibitAlways_Enf_CA	1x1
DINH_Fld.DSQ_DSMInhibitAlways_CA	2x1
DINH_Fld.DSQ_ElecLd_Enf_CA	1x1
DINH_Fld.DSQ_ElecLd_CA	2x1
DINH_Fld.DSQ_EngDaEngOff_CA	2x1
DINH_Fld.DSQ_EnvP_Enf_CA	1x1
DINH_Fld.DSQ_EnvP_CA	2x1
DINH_Fld.DSQ_EnvT_Enf_CA	2x1
DINH_Fld.DSQ_EnvT_CA	2x1
DINH_Fld.DSQ_EpmCaSSigQuality_Enf_CA	10x1
DINH_Fld.DSQ_EpmCaSSigQuality_CA	2x1
DINH_Fld.DSQ_EpmReverseRun_Enf_CA	5x1
DINH_Fld.DSQ_EpmReverseRun_CA	2x1
DINH_Fld.DSQ_FanDIO_0_CA	2x1
DINH_Fld.DSQ_FanDIO_1_CA	2x1
DINH_Fld.DSQ_FuelT_CA	2x1
DINH_Fld.DSQ_GEVCtlTOilCylHd_CA	2x1
DINH_Fld.DSQ_GEVlvAgIntkB1_Enf_CA	1x1
DINH_Fld.DSQ_GEVlvAgIntkB1_CA	2x1
DINH_Fld.DSQ_GEVlvAgOutlB1_Enf_CA	1x1
DINH_Fld.DSQ_GEVlvAgOutlB1_CA	2x1
DINH_Fld.DSQ_GbxRevLck_CA	2x1
DINH_Fld.DSQ_InjVlv_DI_CylOk_CA	2x1
DINH_Fld.DSQ_IntkAirTAirFltDs_CA	3x1
DINH_Fld.DSQ_IntkAirTIntkMnfld_CA	3x1
DINH_Fld.DSQ_IntkAirTSnsr1_Enf_CA	2x1
DINH_Fld.DSQ_IntkAirTSnsr1_CA	2x1
DINH_Fld.DSQ_IntkAirTSnsr2_Enf_CA	2x1
DINH_Fld.DSQ_IntkAirTSnsr2_CA	2x1
DINH_Fld.DSQ_IntkAirTThrVlvUs_CA	2x1
DINH_Fld.DSQ_OilP_CA	2x1
DINH_Fld.DSQ_OilSwmpT_t_Enf_CA	2x1
DINH_Fld.DSQ_OilSwmpT_t_CA	4x1
DINH_Fld.DSQ_OilSwmpT_tADC_CA	2x1
DINH_Fld.DSQ_OilSwmpT_tADCStop_CA	2x1
DINH_Fld.DSQ_OilSwmpT_tPULS_CA	2x1
DINH_Fld.DSQ_OilSwmpT_tPULSStop_CA	2x1
DINH_Fld.DSQ_OilSwmpT_tStop_CA	2x1
DINH_Fld.DSQ_OilT_Enf_CA	3x1
DINH_Fld.DSQ_OilT_CA	2x1
DINH_Fld.DSQ_OilTADC_CA	2x1
DINH_Fld.DSQ_OilTPULS_CA	2x1
DINH_Fld.DSQ_PEnvMeasVld_Enf_CA	1x1
DINH_Fld.DSQ_PEnvMeasVld_CA	2x1
DINH_Fld.DSQ_PEnvVld_CA	2x1
DINH_Fld.DSQ_PEnv_pRaw_Enf_CA	2x1
DINH_Fld.DSQ_PEnv_pRaw_CA	2x1
DINH_Fld.DSQ_RvsRotPred_CA	2x1
DINH_Fld.DSQ_StrtImobChk_CA	2x1
DINH_Fld.DSQ_T50CmpnPrtOff_CA	2x1
DINH_Fld.DSQ_TDevCenColdStrt_Enf_CA	4x1
DINH_Fld.DSQ_TDevCenColdStrt_CA	2x1
DINH_Fld.DSQ_UEGOHeatrPwrOKS1B1_CA	2x1
DINH_Fld.DSQ_UEGOIPmpS1B1_Enf_CA	6x1
DINH_Fld.DSQ_UEGOIPmpS1B1_CA	3x1
DINH_Fld.DSQ_UEGOLamS1B1_Enf_CA	2x1
DINH_Fld.DSQ_UEGOLamS1B1_CA	3x1
DINH_Fld.DSQ_UEGOTCtrlS1B1_Enf_CA	11x1
DINH_Fld.DSQ_UEGOTCtrlS1B1_CA	3x1
DINH_Fld.DSQ_VehV_Enf_CA	4x1
DINH_Fld.DSQ_VehV_CA	3x1
DINH_Fld.DSQ_VehVSens_Enf_CA	2x1
DINH_Fld.DSQ_VehVSens_CA	2x1
DINH_Fld.DSQ_VehVSnsr_Enf_CA	10x1
DINH_Fld.DSQ_VehVSnsr_CA	2x1
DINH_Fld.DSQ_stAPP_Enf_CA	1x1
DINH_Fld.DSQ_stAPP_CA	6x1
DINH_Fld.DSQ_stComAWD_CA	2x1
DINH_Fld.DSQ_stComAYCB_Enf_CA	2x1
DINH_Fld.DSQ_stComAYCB_CA	2x1
DINH_Fld.DSQ_stComEAT4_CA	3x1
DINH_Lim.DFC_ATRlyStkOffErr_CA	7x1
DINH_Lim.DFC_ATRlyStkOnErr_CA	7x1
DINH_Lim.DFC_AltIOACGFailr_CA	9x1
DINH_Lim.DFC_AltIOACGHiVltg_CA	9x1
DINH_Lim.DFC_AltIOACGLoVltg_CA	8x1
DINH_Lim.DFC_AltIOACGTHi_CA	8x1
DINH_Lim.DFC_AltIODConnACG_CA	8x1
DINH_Lim.DFC_BrkBstPDriftHiErr_CA	7x1
DINH_Lim.DFC_BrkBstPDriftLoErr_CA	7x1
DINH_Lim.DFC_BrkBstPSnsrStuck_CA	7x1
DINH_Lim.DFC_BrkMnSwtContOn_Enf_CA	2x1
DINH_Lim.DFC_BrkMnSwtContOn_CA	4x1
DINH_Lim.DFC_BrkMnSwtNotStp_Enf_CA	2x1
DINH_Lim.DFC_BrkMnSwtNotStp_CA	4x1
DINH_Lim.DFC_BrkNpl_Enf_CA	3x1
DINH_Lim.DFC_BrkNpl_CA	2x1
DINH_Lim.DFC_BrkRdntSwtContOn_Enf_CA	2x1
DINH_Lim.DFC_BrkRdntSwtContOn_CA	4x1
DINH_Lim.DFC_BrkRdntSwtNotStp_Enf_CA	2x1

DINH_Lim.DFC_BrkRdntSwtNotStp_CA	4x1
DINH_Lim.DFC_Clth3ONStuck_CA	10x1
DINH_Lim.DFC_Clth4OFFStuck_CA	9x1
DINH_Lim.DFC_ClthOFFStuck_CA	8x1
DINH_Lim.DFC_ClthONStuck_CA	8x1
DINH_Lim.DFC_ClthStkFailInfo_Enf_CA	1x1
DINH_Lim.DFC_ClthStkFailInfo_CA	13x1
DINH_Lim.DFC_ComABSWrn_CA	2x1
DINH_Lim.DFC_ComACCAChksum_Enf_CA	1x1
DINH_Lim.DFC_ComACCAChksum_CA	3x1
DINH_Lim.DFC_ComACCADLC_CA	3x1
DINH_Lim.DFC_ComACCARingCnt_Enf_CA	2x1
DINH_Lim.DFC_ComACCARingCnt_CA	3x1
DINH_Lim.DFC_ComACCATOut_Enf_CA	2x1
DINH_Lim.DFC_ComACCATOut_CA	3x1
DINH_Lim.DFC_ComACCBChkSum_Enf_CA	2x1
DINH_Lim.DFC_ComACCBChkSum_CA	2x1
DINH_Lim.DFC_ComACCBRingCnt_Enf_CA	2x1
DINH_Lim.DFC_ComACCBRingCnt_CA	2x1
DINH_Lim.DFC_ComACCBTOut_Enf_CA	2x1
DINH_Lim.DFC_ComACCBTOut_CA	2x1
DINH_Lim.DFC_ComACCChkSum_Enf_CA	1x1
DINH_Lim.DFC_ComACCChkSum_CA	2x1
DINH_Lim.DFC_ComACCRingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComACCRingCnt_CA	2x1
DINH_Lim.DFC_ComACCTOut_Enf_CA	1x1
DINH_Lim.DFC_ComACCTOut_CA	2x1
DINH_Lim.DFC_ComACFailInfo_Enf_CA	1x1
DINH_Lim.DFC_ComACFailInfo_CA	2x1
DINH_Lim.DFC_ComADSChkSum_Enf_CA	1x1
DINH_Lim.DFC_ComADSChkSum_CA	2x1
DINH_Lim.DFC_ComADSRingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComADSRingCnt_CA	2x1
DINH_Lim.DFC_ComADSTOut_Enf_CA	1x1
DINH_Lim.DFC_ComADSTOut_CA	2x1
DINH_Lim.DFC_ComATErr4_CA	2x1
DINH_Lim.DFC_ComATGearInfoErr_Enf_CA	1x1
DINH_Lim.DFC_ComATGearInfoErr_CA	2x1
DINH_Lim.DFC_ComATISS_CA	2x1
DINH_Lim.DFC_ComAWDChksum_Enf_CA	4x1
DINH_Lim.DFC_ComAWDChksum_CA	2x1
DINH_Lim.DFC_ComAWDMechFail_CA	2x1
DINH_Lim.DFC_ComAWDRingCnt_Enf_CA	4x1
DINH_Lim.DFC_ComAWDRingCnt_CA	2x1
DINH_Lim.DFC_ComAWDTOut_Enf_CA	4x1
DINH_Lim.DFC_ComAWDTOut_CA	2x1
DINH_Lim.DFC_ComAYCAChksum_Enf_CA	3x1
DINH_Lim.DFC_ComAYCAChksum_CA	6x1
DINH_Lim.DFC_ComAYCARingCnt_Enf_CA	3x1
DINH_Lim.DFC_ComAYCARingCnt_CA	6x1
DINH_Lim.DFC_ComAYCATOut_Enf_CA	3x1
DINH_Lim.DFC_ComAYCATOut_CA	6x1
DINH_Lim.DFC_ComAYCBChkSum_Enf_CA	4x1
DINH_Lim.DFC_ComAYCBChkSum_CA	6x1
DINH_Lim.DFC_ComAYCBRingCnt_Enf_CA	4x1
DINH_Lim.DFC_ComAYCBRingCnt_CA	6x1
DINH_Lim.DFC_ComAYCBTOut_Enf_CA	4x1
DINH_Lim.DFC_ComAYCBTOut_CA	6x1
DINH_Lim.DFC_ComAYCCtlErr_Enf_CA	1x1
DINH_Lim.DFC_ComAYCCtlErr_CA	2x1
DINH_Lim.DFC_ComAYCDChkSum_Enf_CA	3x1
DINH_Lim.DFC_ComAYCDChkSum_CA	6x1
DINH_Lim.DFC_ComAYCDTOut_Enf_CA	3x1
DINH_Lim.DFC_ComAYCDTOut_CA	6x1
DINH_Lim.DFC_ComAYCFChksum_Enf_CA	1x1
DINH_Lim.DFC_ComAYCFChksum_CA	8x1
DINH_Lim.DFC_ComAYCFCtlErr_CA	2x1
DINH_Lim.DFC_ComAYCFRingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComAYCFRingCnt_CA	8x1
DINH_Lim.DFC_ComAYCFTOut_Enf_CA	1x1
DINH_Lim.DFC_ComAYCFTOut_CA	8x1
DINH_Lim.DFC_ComAirEnvT_CA	2x1
DINH_Lim.DFC_ComApcChksum_Enf_CA	1x1
DINH_Lim.DFC_ComApcChksum_CA	2x1
DINH_Lim.DFC_ComApcRingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComApcRingCnt_CA	2x1
DINH_Lim.DFC_ComApcTOut_Enf_CA	1x1
DINH_Lim.DFC_ComApcTOut_CA	2x1
DINH_Lim.DFC_ComBB10TOut_Enf_CA	1x1
DINH_Lim.DFC_ComBB10TOut_CA	2x1
DINH_Lim.DFC_ComBB1TOut_Enf_CA	1x1
DINH_Lim.DFC_ComBB1TOut_CA	2x1
DINH_Lim.DFC_ComBB2TOut_CA	2x1
DINH_Lim.DFC_ComCANABusOffErr_Enf_CA	6x1
DINH_Lim.DFC_ComCANABusOffErr_CA	10x1
DINH_Lim.DFC_ComCANBBusOffErr_CA	8x1
DINH_Lim.DFC_ComCANCBusOffErr_Enf_CA	2x1
DINH_Lim.DFC_ComCANCBusOffErr_CA	8x1
DINH_Lim.DFC_ComConvBoostErr_Enf_CA	1x1
DINH_Lim.DFC_ComConvBoostErr_CA	2x1
DINH_Lim.DFC_ComDCDCInpErr1_CA	8x1
DINH_Lim.DFC_ComDCDCInpErr2_CA	8x1
DINH_Lim.DFC_ComDCDCIntErr_CA	8x1
DINH_Lim.DFC_ComDCDCOutpErr1_CA	8x1
DINH_Lim.DFC_ComDCDCOutpErr2_CA	8x1
DINH_Lim.DFC_ComDCDCTempWarn1_CA	4x1
DINH_Lim.DFC_ComDCDCTempWarn2_CA	4x1
DINH_Lim.DFC_ComEAT10Chksum_Enf_CA	1x1
DINH_Lim.DFC_ComEAT10Chksum_CA	2x1

DINH_Lim.DFC_ComEAT10RingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComEAT10RingCnt_CA	2x1
DINH_Lim.DFC_ComEAT10TOut_Enf_CA	1x1
DINH_Lim.DFC_ComEAT10TOut_CA	2x1
DINH_Lim.DFC_ComEAT2ChkSum_Enf_CA	2x1
DINH_Lim.DFC_ComEAT2ChkSum_CA	2x1
DINH_Lim.DFC_ComEAT2RingCnt_Enf_CA	2x1
DINH_Lim.DFC_ComEAT2RingCnt_CA	2x1
DINH_Lim.DFC_ComEAT2TOut_Enf_CA	2x1
DINH_Lim.DFC_ComEAT2TOut_CA	2x1
DINH_Lim.DFC_ComEAT4ChkSum_Enf_CA	3x1
DINH_Lim.DFC_ComEAT4ChkSum_CA	2x1
DINH_Lim.DFC_ComEAT4RingCnt_Enf_CA	3x1
DINH_Lim.DFC_ComEAT4RingCnt_CA	2x1
DINH_Lim.DFC_ComEAT4TOut_Enf_CA	3x1
DINH_Lim.DFC_ComEAT4TOut_CA	2x1
DINH_Lim.DFC_ComEAT5ChkSum_Enf_CA	2x1
DINH_Lim.DFC_ComEAT5ChkSum_CA	2x1
DINH_Lim.DFC_ComEAT5RingCnt_Enf_CA	2x1
DINH_Lim.DFC_ComEAT5RingCnt_CA	2x1
DINH_Lim.DFC_ComEAT5TOut_Enf_CA	2x1
DINH_Lim.DFC_ComEAT5RingCnt_CA	2x1
DINH_Lim.DFC_ComEAT5TOut_Enf_CA	2x1
DINH_Lim.DFC_ComEAT5TOut_CA	2x1
DINH_Lim.DFC_ComEAT6Chksum_Enf_CA	1x1
DINH_Lim.DFC_ComEAT6Chksum_CA	2x1
DINH_Lim.DFC_ComEAT6RingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComEAT6RingCnt_CA	2x1
DINH_Lim.DFC_ComEAT6TOut_Enf_CA	1x1
DINH_Lim.DFC_ComEAT6TOut_CA	2x1
DINH_Lim.DFC_ComEAT9Chksum_Enf_CA	1x1
DINH_Lim.DFC_ComEAT9Chksum_CA	2x1
DINH_Lim.DFC_ComEAT9RingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComEAT9RingCnt_CA	2x1
DINH_Lim.DFC_ComEAT9TOut_Enf_CA	1x1
DINH_Lim.DFC_ComEAT9TOut_CA	2x1
DINH_Lim.DFC_ComEATAChksum_Enf_CA	1x1
DINH_Lim.DFC_ComEATAChksum_CA	2x1
DINH_Lim.DFC_ComEATARingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComEATARingCnt_CA	2x1
DINH_Lim.DFC_ComEATATOut_Enf_CA	1x1
DINH_Lim.DFC_ComEATATOut_CA	2x1
DINH_Lim.DFC_ComEATBChkSum_Enf_CA	1x1
DINH_Lim.DFC_ComEATBChkSum_CA	2x1
DINH_Lim.DFC_ComEATBRingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComEATBRingCnt_CA	2x1
DINH_Lim.DFC_ComEATBTOut_Enf_CA	1x1
DINH_Lim.DFC_ComEATBTOut_CA	2x1
DINH_Lim.DFC_ComEATErr_CA	2x1
DINH_Lim.DFC_ComEBSSelfDiagErr_CA	2x1
DINH_Lim.DFC_ComEPBChksum_Enf_CA	2x1
DINH_Lim.DFC_ComEPBChksum_CA	4x1
DINH_Lim.DFC_ComEPBTOut_Enf_CA	2x1
DINH_Lim.DFC_ComEPBTOut_CA	4x1
DINH_Lim.DFC_ComEPBctRing_Enf_CA	2x1
DINH_Lim.DFC_ComEPBctRing_CA	4x1
DINH_Lim.DFC_ComEPS1Chksum_Enf_CA	1x1
DINH_Lim.DFC_ComEPS1Chksum_CA	3x1
DINH_Lim.DFC_ComEPS1RingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComEPS1RingCnt_CA	3x1
DINH_Lim.DFC_ComEPS1TOut_Enf_CA	1x1
DINH_Lim.DFC_ComEPS1TOut_CA	3x1
DINH_Lim.DFC_ComEPSChksum_Enf_CA	2x1
DINH_Lim.DFC_ComEPSChksum_CA	6x1
DINH_Lim.DFC_ComEPSRingCnt_Enf_CA	2x1
DINH_Lim.DFC_ComEPSRingCnt_CA	6x1
DINH_Lim.DFC_ComEPSTOut_Enf_CA	2x1
DINH_Lim.DFC_ComEPSTOut_CA	6x1
DINH_Lim.DFC_ComEVPChksum_Enf_CA	1x1
DINH_Lim.DFC_ComEVPChksum_CA	2x1
DINH_Lim.DFC_ComEVPRingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComEVPRingCnt_CA	2x1
DINH_Lim.DFC_ComEVPTOut_Enf_CA	1x1
DINH_Lim.DFC_ComEVPTOut_CA	2x1
DINH_Lim.DFC_ComIDASBChksum_Enf_CA	1x1
DINH_Lim.DFC_ComIDASBChksum_CA	2x1
DINH_Lim.DFC_ComIDASBRingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComIDASBRingCnt_CA	2x1
DINH_Lim.DFC_ComIDASBTOut_Enf_CA	1x1
DINH_Lim.DFC_ComIDASBTOut_CA	2x1
DINH_Lim.DFC_ComISSPrms_CA	3x1
DINH_Lim.DFC_ComMETAChksum_Enf_CA	1x1
DINH_Lim.DFC_ComMETAChksum_CA	2x1
DINH_Lim.DFC_ComMETARingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComMETARingCnt_CA	2x1
DINH_Lim.DFC_ComMETATOut_Enf_CA	1x1
DINH_Lim.DFC_ComMETATOut_CA	2x1
DINH_Lim.DFC_ComMETBChksum_Enf_CA	4x1
DINH_Lim.DFC_ComMETBChksum_CA	7x1
DINH_Lim.DFC_ComMETBRingCnt_Enf_CA	4x1
DINH_Lim.DFC_ComMETBRingCnt_CA	7x1
DINH_Lim.DFC_ComMETBTOut_Enf_CA	4x1
DINH_Lim.DFC_ComMETBTOut_CA	7x1
DINH_Lim.DFC_ComMETCChksum_Enf_CA	4x1
DINH_Lim.DFC_ComMETCChksum_CA	6x1
DINH_Lim.DFC_ComMETCRingCnt_Enf_CA	4x1
DINH_Lim.DFC_ComMETCRingCnt_CA	6x1
DINH_Lim.DFC_ComMETCTOut_Enf_CA	4x1
DINH_Lim.DFC_ComMETCTOut_CA	6x1
DINH_Lim.DFC_ComMETDChksum_Enf_CA	3x1
DINH_Lim.DFC_ComMETDChksum_CA	6x1

DINH_Lim.DFC_ComMETDRingCnt_Enf_CA	3x1
DINH_Lim.DFC_ComMETDRingCnt_CA	6x1
DINH_Lim.DFC_ComMETDTOut_Enf_CA	3x1
DINH_Lim.DFC_ComMETDTOut_CA	6x1
DINH_Lim.DFC_ComMETE2Chksum_Enf_CA	1x1
DINH_Lim.DFC_ComMETE2Chksum_CA	6x1
DINH_Lim.DFC_ComMETE2RingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComMETE2RingCnt_CA	6x1
DINH_Lim.DFC_ComMETE2TOut_Enf_CA	1x1
DINH_Lim.DFC_ComMETE2TOut_CA	6x1
DINH_Lim.DFC_ComMETEChksum_Enf_CA	4x1
DINH_Lim.DFC_ComMETEChksum_CA	6x1
DINH_Lim.DFC_ComMETERingCnt_Enf_CA	4x1
DINH_Lim.DFC_ComMETERingCnt_CA	6x1
DINH_Lim.DFC_ComMETETOut_Enf_CA	4x1
DINH_Lim.DFC_ComMETETOut_CA	6x1
DINH_Lim.DFC_ComMETFChksum_Enf_CA	3x1
DINH_Lim.DFC_ComMETFChksum_CA	6x1
DINH_Lim.DFC_ComMETFRingCnt_Enf_CA	3x1
DINH_Lim.DFC_ComMETFRingCnt_CA	6x1
DINH_Lim.DFC_ComMETFTOut_Enf_CA	3x1
DINH_Lim.DFC_ComMETFTOut_CA	6x1
DINH_Lim.DFC_ComMETGChksum_Enf_CA	3x1
DINH_Lim.DFC_ComMETGChksum_CA	6x1
DINH_Lim.DFC_ComMETGRingCnt_Enf_CA	3x1
DINH_Lim.DFC_ComMETGRingCnt_CA	6x1
DINH_Lim.DFC_ComMETGTOut_Enf_CA	3x1
DINH_Lim.DFC_ComMETGTOut_CA	6x1
DINH_Lim.DFC_ComMETH2Chksum_Enf_CA	1x1
DINH_Lim.DFC_ComMETH2Chksum_CA	6x1
DINH_Lim.DFC_ComMETH2RingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComMETH2RingCnt_CA	6x1
DINH_Lim.DFC_ComMETH2TOut_Enf_CA	1x1
DINH_Lim.DFC_ComMETH2TOut_CA	6x1
DINH_Lim.DFC_ComMETHChksum_Enf_CA	3x1
DINH_Lim.DFC_ComMETHChksum_CA	6x1
DINH_Lim.DFC_ComMETHRingCnt_Enf_CA	3x1
DINH_Lim.DFC_ComMETHRingCnt_CA	6x1
DINH_Lim.DFC_ComMETHTOut_Enf_CA	3x1
DINH_Lim.DFC_ComMETHTOut_CA	6x1
DINH_Lim.DFC_ComMETIChksum_Enf_CA	4x1
DINH_Lim.DFC_ComMETIChksum_CA	7x1
DINH_Lim.DFC_ComMETIRingCnt_Enf_CA	4x1
DINH_Lim.DFC_ComMETIRingCnt_CA	7x1
DINH_Lim.DFC_ComMETITOut_Enf_CA	4x1
DINH_Lim.DFC_ComMETITOut_CA	7x1
DINH_Lim.DFC_ComMETKChksum_Enf_CA	1x1
DINH_Lim.DFC_ComMETKChksum_CA	2x1
DINH_Lim.DFC_ComMETKRingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComMETKRingCnt_CA	2x1
DINH_Lim.DFC_ComMETKTOut_Enf_CA	1x1
DINH_Lim.DFC_ComMETKTOut_CA	2x1
DINH_Lim.DFC_ComMETLChksum_Enf_CA	1x1
DINH_Lim.DFC_ComMETLChksum_CA	2x1
DINH_Lim.DFC_ComMETLRingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComMETLRingCnt_CA	2x1
DINH_Lim.DFC_ComMETLTOut_Enf_CA	1x1
DINH_Lim.DFC_ComMETLTOut_CA	2x1
DINH_Lim.DFC_ComMETMChksum_Enf_CA	1x1
DINH_Lim.DFC_ComMETMChksum_CA	2x1
DINH_Lim.DFC_ComMETMRingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComMETMRingCnt_CA	2x1
DINH_Lim.DFC_ComMETMTOut_Enf_CA	1x1
DINH_Lim.DFC_ComMETMTOut_CA	2x1
DINH_Lim.DFC_ComMETNChksum_Enf_CA	1x1
DINH_Lim.DFC_ComMETNChksum_CA	2x1
DINH_Lim.DFC_ComMETNRingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComMETNRingCnt_CA	2x1
DINH_Lim.DFC_ComMETNTOut_Enf_CA	1x1
DINH_Lim.DFC_ComMETNTOut_CA	2x1
DINH_Lim.DFC_ComMtrCom_CA	3x1
DINH_Lim.DFC_ComMtrEva_CA	2x1
DINH_Lim.DFC_ComPCUChkSum_Enf_CA	1x1
DINH_Lim.DFC_ComPCUChkSum_CA	6x1
DINH_Lim.DFC_ComPCURingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComPCURingCnt_CA	6x1
DINH_Lim.DFC_ComPCUTOut_Enf_CA	1x1
DINH_Lim.DFC_ComPCUTOut_CA	6x1
DINH_Lim.DFC_ComSRSAChksum_Enf_CA	1x1
DINH_Lim.DFC_ComSRSAChksum_CA	2x1
DINH_Lim.DFC_ComSRSARingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComSRSARingCnt_CA	2x1
DINH_Lim.DFC_ComSRSATOut_Enf_CA	1x1
DINH_Lim.DFC_ComSRSATOut_CA	2x1
DINH_Lim.DFC_ComSRSActive_CA	2x1
DINH_Lim.DFC_ComSRSBChksum_Enf_CA	1x1
DINH_Lim.DFC_ComSRSBChksum_CA	5x1
DINH_Lim.DFC_ComSRSBRingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComSRSBRingCnt_CA	5x1
DINH_Lim.DFC_ComSRSBTOut_Enf_CA	1x1
DINH_Lim.DFC_ComSRSBTOut_CA	5x1
DINH_Lim.DFC_ComSRSChksum_Enf_CA	1x1
DINH_Lim.DFC_ComSRSChksum_CA	5x1
DINH_Lim.DFC_ComSRSErr_CA	2x1
DINH_Lim.DFC_ComSRSRingCnt_Enf_CA	1x1
DINH_Lim.DFC_ComSRSRingCnt_CA	5x1
DINH_Lim.DFC_ComSRSTOut_Enf_CA	1x1
DINH_Lim.DFC_ComSRSTOut_CA	5x1
DINH_Lim.DFC_ComSWTCH1AlvCnt_Enf_CA	1x1

DINH_Lim.DFC_ComSWTCH1AlvCnt_CA	2x1
DINH_Lim.DFC_ComSWTCH1Chksum_Enf_CA	1x1
DINH_Lim.DFC_ComSWTCH1Chksum_CA	2x1
DINH_Lim.DFC_ComSWTCH1TOut_Enf_CA	1x1
DINH_Lim.DFC_ComSWTCH1TOut_CA	2x1
DINH_Lim.DFC_ComTqCnvrSlipErr_Enf_CA	1x1
DINH_Lim.DFC_ComTqCnvrSlipErr_CA	2x1
DINH_Lim.DFC_Cy150SpiCom_CA	5x1
DINH_Lim.DFC_Cy327SpiCom_Enf_CA	1x1
DINH_Lim.DFC_Cy327SpiCom_CA	3x1
DINH_Lim.DFC_EbsChartcCurrErr_CA	8x1
DINH_Lim.DFC_EbsSelfDiagErr_CA	8x1
DINH_Lim.DFC_ElecLdSRCMax_Enf_CA	2x1
DINH_Lim.DFC_ElecLdSRCMax_CA	3x1
DINH_Lim.DFC_ElecLdSRCMin_Enf_CA	2x1
DINH_Lim.DFC_ElecLdSRCMin_CA	3x1
DINH_Lim.DFC_EnvTDef_Enf_CA	19x1
DINH_Lim.DFC_EnvTDef_CA	3x1
DINH_Lim.DFC_EnvTSig_Enf_CA	19x1
DINH_Lim.DFC_EnvTSig_CA	3x1
DINH_Lim.DFC_GEVlvPhaPsOpenLoadIntkB1_Enf_CA	33x1
DINH_Lim.DFC_GEVlvPhaPsOpenLoadIntkB1_CA	11x1
DINH_Lim.DFC_GEVlvPhaPsOpenLoadOutlB1_Enf_CA	33x1
DINH_Lim.DFC_GEVlvPhaPsOpenLoadOutlB1_CA	11x1
DINH_Lim.DFC_GEVlvPhaPsShoToBattIntkB1_Enf_CA	33x1
DINH_Lim.DFC_GEVlvPhaPsShoToBattIntkB1_CA	11x1
DINH_Lim.DFC_GEVlvPhaPsShoToBattOutlB1_Enf_CA	33x1
DINH_Lim.DFC_GEVlvPhaPsShoToBattOutlB1_CA	11x1
DINH_Lim.DFC_GEVlvPhaPsShoToGndIntkB1_Enf_CA	33x1
DINH_Lim.DFC_GEVlvPhaPsShoToGndIntkB1_CA	11x1
DINH_Lim.DFC_GEVlvPhaPsShoToGndOutlB1_Enf_CA	33x1
DINH_Lim.DFC_GEVlvPhaPsShoToGndOutlB1_CA	11x1
DINH_Lim.DFC_GbxAlvChk_CA	2x1
DINH_Lim.DFC_GbxNPos1SRCMax_Enf_CA	1x1
DINH_Lim.DFC_GbxNPos1SRCMax_CA	11x1
DINH_Lim.DFC_GbxNPos1SRCMin_Enf_CA	1x1
DINH_Lim.DFC_GbxNPos1SRCMin_CA	11x1
DINH_Lim.DFC_GbxNPos2SRCMax_Enf_CA	1x1
DINH_Lim.DFC_GbxNPos2SRCMax_CA	11x1
DINH_Lim.DFC_GbxNPos2SRCMin_Enf_CA	1x1
DINH_Lim.DFC_GbxNPos2SRCMin_CA	11x1
DINH_Lim.DFC_GbxNPosCorrIn_CA	11x1
DINH_Lim.DFC_GbxRevLckOL_CA	2x1
DINH_Lim.DFC_GbxRevLckOt_CA	2x1
DINH_Lim.DFC_GbxRevLckSCB_CA	2x1
DINH_Lim.DFC_GbxRevLckSCG_CA	2x1
DINH_Lim.DFC_GbxSleepErr_CA	2x1
DINH_Lim.DFC_GbxSpdPlausErr_Enf_CA	1x1
DINH_Lim.DFC_GbxSpdPlausErr_CA	3x1
DINH_Lim.DFC_LinCSErrACG_CA	10x1
DINH_Lim.DFC_LinCSErrDCDC_Enf_CA	2x1
DINH_Lim.DFC_LinCSErrDCDC_CA	8x1
DINH_Lim.DFC_LinCSErrEBS_CA	11x1
DINH_Lim.DFC_LinFrameErrACG_CA	10x1
DINH_Lim.DFC_LinFrameErrDCDC_Enf_CA	2x1
DINH_Lim.DFC_LinFrameErrDCDC_CA	8x1
DINH_Lim.DFC_LinFrameErrEBS_CA	11x1
DINH_Lim.DFC_LinHdrTimeoutErrACG_CA	10x1
DINH_Lim.DFC_LinHdrTimeoutErrDCDC_Enf_CA	2x1
DINH_Lim.DFC_LinHdrTimeoutErrDCDC_CA	8x1
DINH_Lim.DFC_LinHdrTimeoutErrEBS_CA	11x1
DINH_Lim.DFC_LinMsgTimeoutErrACG_CA	10x1
DINH_Lim.DFC_LinMsgTimeoutErrDCDC_Enf_CA	2x1
DINH_Lim.DFC_LinMsgTimeoutErrDCDC_CA	8x1
DINH_Lim.DFC_LinMsgTimeoutErrEBS_CA	11x1
DINH_Lim.DFC_LinNoStrtComErr_Enf_CA	1x1
DINH_Lim.DFC_LinNoStrtComErr_CA	2x1
DINH_Lim.DFC_LinOverrunErrACG_CA	10x1
DINH_Lim.DFC_LinOverrunErrDCDC_Enf_CA	2x1
DINH_Lim.DFC_LinOverrunErrDCDC_CA	8x1
DINH_Lim.DFC_LinOverrunErrEBS_CA	11x1
DINH_Lim.DFC_LinParityErr_Enf_CA	1x1
DINH_Lim.DFC_LinParityErr_CA	2x1
DINH_Lim.DFC_LowPresOilP_CA	2x1
DINH_Lim.DFC_METCSum_Enf_CA	4x1
DINH_Lim.DFC_METCSum_CA	6x1
DINH_Lim.DFC_METctRing_Enf_CA	4x1
DINH_Lim.DFC_METctRing_CA	6x1
DINH_Lim.DFC_METtiDeb_Enf_CA	4x1
DINH_Lim.DFC_METtiDeb_CA	6x1
DINH_Lim.DFC_MisfDetdVWhlFrntLePlaus_CA	2x1
DINH_Lim.DFC_MisfDetdVWhlFrntRiPlaus_CA	2x1
DINH_Lim.DFC_MisfDetdVWhlReLePlaus_CA	2x1
DINH_Lim.DFC_MisfDetdVWhlReRiPlaus_CA	2x1
DINH_Lim.DFC_MonUMaxSupply1_Enf_CA	3x1
DINH_Lim.DFC_MonUMaxSupply1_CA	3x1
DINH_Lim.DFC_MonUMinSupply1_CA	3x1
DINH_Lim.DFC_OilAbnormErr_Enf_CA	1x1
DINH_Lim.DFC_OilAbnormErr_CA	2x1
DINH_Lim.DFC_OilErr_Enf_CA	1x1
DINH_Lim.DFC_OilErr_CA	2x1
DINH_Lim.DFC_PEnvSigRngMax_Enf_CA	27x1
DINH_Lim.DFC_PEnvSigRngMax_CA	5x1
DINH_Lim.DFC_PEnvSigRngMin_Enf_CA	27x1
DINH_Lim.DFC_PEnvSigRngMin_CA	5x1
DINH_Lim.DFC_Pmd_PeriMon_Enf_CA	2x1
DINH_Lim.DFC_Pmd_PeriMon_CA	3x1
DINH_Lim.DFC_SSpMon1_Enf_CA	35x1
DINH_Lim.DFC_SSpMon1_CA	7x1

DINH_Lim.DFC_SSpMon1OV_CA	2x1
DINH_Lim.DFC_SSpMon1SCG_CA	2x1
DINH_Lim.DFC_SSpMon1UV_CA	2x1
DINH_Lim.DFC_SSpMon2_Enf_CA	55x1
DINH_Lim.DFC_SSpMon2_CA	17x1
DINH_Lim.DFC_SSpMon2OV_CA	2x1
DINH_Lim.DFC_SSpMon2SCG_CA	2x1
DINH_Lim.DFC_SSpMon2UV_CA	2x1
DINH_Lim.DFC_SSpMon3_Enf_CA	4x1
DINH_Lim.DFC_SSpMon3_CA	14x1
DINH_Lim.DFC_SSpMon3OV_CA	2x1
DINH_Lim.DFC_SSpMon3SCG_CA	2x1
DINH_Lim.DFC_SSpMon3UV_CA	2x1
DINH_Lim.DFC_StmFault_CA	6x1
DINH_Lim.DFC_StrtCtOffPth_CA	10x1
DINH_Lim.DFC_StrtCtlErr_CA	5x1
DINH_Lim.DFC_StrtFault_CA	5x1
DINH_Lim.DFC_StrtLckJudg1_CA	7x1
DINH_Lim.DFC_StrtLckJudg2_CA	7x1
DINH_Lim.DFC_StrtOL_CA	11x1
DINH_Lim.DFC_StrtOL2_CA	11x1
DINH_Lim.DFC_StrtSCB_CA	11x1
DINH_Lim.DFC_StrtSCB2_CA	11x1
DINH_Lim.DFC_StrtSCG_CA	10x1
DINH_Lim.DFC_StrtSCG2_CA	10x1
DINH_Lim.DFC_StrtStkRly1_CA	9x1
DINH_Lim.DFC_StrtStkRly2_CA	9x1
DINH_Lim.DFC_T50OL_CA	3x1
DINH_Lim.DFC_VehVAllPlaus_Enf_CA	29x1
DINH_Lim.DFC_VehVAllPlaus_CA	5x1
DINH_Lim.DFC_VehVPlausCan_Enf_CA	14x1
DINH_Lim.DFC_VehVPlausCan_CA	9x1
DINH_Lim.DFC_VehVPlausFco_Enf_CA	19x1
DINH_Lim.DFC_VehVPlausFco_CA	17x1
DINH_Lim.DFC_VehVPlausPwr_Enf_CA	14x1
DINH_Lim.DFC_VehVPlausPwr_CA	13x1
DINH_Lim.DFC_VehVPlausV2N_Enf_CA	14x1
DINH_Lim.DFC_VehVPlausV2N_CA	13x1
DINH_Lim.DFC_ClthMax_Enf_CA	1x1
DINH_Lim.DFC_ClthMax_CA	8x1
DINH_Lim.DFC_IgnClPsDevIdentErr1_Enf_CA	1x1
DINH_Lim.DFC_IgnClPsDevIdentErr1_CA	2x1
DINH_Lim.DFC_IgnClPsDevSpiErr1_Enf_CA	1x1
DINH_Lim.DFC_IgnClPsDevSpiErr1_CA	2x1
DINH_Lim.DFC_IgnClPsOpenLoad0_Enf_CA	6x1
DINH_Lim.DFC_IgnClPsOpenLoad0_CA	5x1
DINH_Lim.DFC_IgnClPsOpenLoad1_Enf_CA	6x1
DINH_Lim.DFC_IgnClPsOpenLoad1_CA	5x1
DINH_Lim.DFC_IgnClPsOpenLoad2_Enf_CA	6x1
DINH_Lim.DFC_IgnClPsOpenLoad2_CA	5x1
DINH_Lim.DFC_IgnClPsOpenLoad3_Enf_CA	6x1
DINH_Lim.DFC_IgnClPsOpenLoad3_CA	5x1
DINH_Lim.DFC_IgnClPsShCirBatt0_Enf_CA	6x1
DINH_Lim.DFC_IgnClPsShCirBatt0_CA	5x1
DINH_Lim.DFC_IgnClPsShCirBatt1_Enf_CA	6x1
DINH_Lim.DFC_IgnClPsShCirBatt1_CA	5x1
DINH_Lim.DFC_IgnClPsShCirBatt2_Enf_CA	6x1
DINH_Lim.DFC_IgnClPsShCirBatt2_CA	5x1
DINH_Lim.DFC_IgnClPsShCirBatt3_Enf_CA	6x1
DINH_Lim.DFC_IgnClPsShCirBatt3_CA	5x1
DINH_Lim.DFC_IgnClPsShCirGnd0_Enf_CA	6x1
DINH_Lim.DFC_IgnClPsShCirGnd0_CA	5x1
DINH_Lim.DFC_IgnClPsShCirGnd1_Enf_CA	6x1
DINH_Lim.DFC_IgnClPsShCirGnd1_CA	5x1
DINH_Lim.DFC_IgnClPsShCirGnd2_Enf_CA	6x1
DINH_Lim.DFC_IgnClPsShCirGnd2_CA	5x1
DINH_Lim.DFC_IgnClPsShCirGnd3_Enf_CA	6x1
DINH_Lim.DFC_IgnClPsShCirGnd3_CA	5x1
DINH_Lim.DFC_KRVEKOEVAB_CA	2x1
DINH_Lim.DFC_KRVEKOEVAB0_CA	2x1
DINH_Lim.DFC_KRVEKOEVAB1_CA	2x1
DINH_Lim.DFC_KRVEKOEVAB2_CA	2x1
DINH_Lim.DFC_KRVEKOEVAB3_CA	2x1
DINH_Lim.DFC_MfPsNonPlausible_CA	2x1
DINH_Lim.DFC_T50RetOL_CA	4x1
DINH_Lim.DFC_T50RetSCB_CA	4x1
DINH_Lim.DFC_T50SCB_CA	3x1
DINH_Lim.DFC_UEGOASICS1B1_Enf_CA	30x1
DINH_Lim.DFC_UEGOASICS1B1_CA	4x1
DINH_Lim.DFC_UEGOOLIPES1B1_Enf_CA	35x1
DINH_Lim.DFC_UEGOOLIPES1B1_CA	4x1
DINH_Lim.DFC_UEGOOLRES1B1_Enf_CA	35x1
DINH_Lim.DFC_UEGOOLRES1B1_CA	4x1
DINH_Lim.DFC_UEGOSCBS1B1_Enf_CA	31x1
DINH_Lim.DFC_UEGOSCBS1B1_CA	4x1
DINH_Lim.DFC_UEGOSCGS1B1_Enf_CA	31x1
DINH_Lim.DFC_UEGOSCGS1B1_CA	4x1
DINH_Lim.DFC_UEGOSPIS1B1_Enf_CA	31x1
DINH_Lim.DFC_UEGOSPIS1B1_CA	5x1
DINH_Lim.DFC_UEGOSnsrS1B1_Enf_CA	17x1
DINH_Lim.DFC_UEGOSnsrS1B1_CA	4x1
DINH_Lim.DFC_UegoOlApesS1B1_Enf_CA	30x1
DINH_Lim.DFC_UegoOlApesS1B1_CA	4x1
DINH_Lim.DFC_UegoOlRCmpS1B1_Enf_CA	31x1
DINH_Lim.DFC_UegoOlRCmpS1B1_CA	4x1
DINH_Lim.DFC_AirCCmprOL_CA	2x1
DINH_Lim.DFC_AirCCmprOvrTemp_CA	2x1
DINH_Lim.DFC_AirCCmprSCB_CA	2x1
DINH_Lim.DFC_AirCCmprSCG_CA	2x1

DINH_Lim.DFC_AltErr_CA	2x1
DINH_Lim.DFC_BattUSRCMax_Enf_CA	5x1
DINH_Lim.DFC_BattUSRCMax_CA	2x1
DINH_Lim.DFC_BattUSRCMin_Enf_CA	5x1
DINH_Lim.DFC_BattUSRCMin_CA	2x1
DINH_Lim.DFC_DevLibBattUHi_CA	2x1
DINH_Lim.DFC_DevLibBattULo_CA	2x1
DINH_Lim.DFC_FanDIOOL_0_CA	3x1
DINH_Lim.DFC_FanDIOOL_1_CA	3x1
DINH_Lim.DFC_FanDIOOvrTemp_0_CA	2x1
DINH_Lim.DFC_FanDIOOvrTemp_1_CA	2x1
DINH_Lim.DFC_FanDIOSCB_0_CA	3x1
DINH_Lim.DFC_FanDIOSCB_1_CA	3x1
DINH_Lim.DFC_FanDIOSCG_0_CA	3x1
DINH_Lim.DFC_FanDIOSCG_1_CA	3x1
DINH_Lim.DFC_PSPOL_CA	2x1
DINH_Lim.DFC_PSPOvrTemp_CA	2x1
DINH_Lim.DFC_PSPSCB_CA	2x1
DINH_Lim.DFC_PSPSCG_CA	2x1
DINH_Lim.DFC_VehVSclOutOL_Enf_CA	1x1
DINH_Lim.DFC_VehVSclOutOL_CA	2x1
DINH_Lim.DFC_VehVSclOutOT_Enf_CA	1x1
DINH_Lim.DFC_VehVSclOutOT_CA	2x1
DINH_Lim.DFC_VehVSclOutSCB_Enf_CA	1x1
DINH_Lim.DFC_VehVSclOutSCB_CA	2x1
DINH_Lim.DFC_VehVSclOutSCG_Enf_CA	1x1
DINH_Lim.DFC_VehVSclOutSCG_CA	2x1
DINH_Lim.DFC_VehVSigFL_Enf_CA	2x1
DINH_Lim.DFC_VehVSigFL_CA	2x1
DINH_Lim.DFC_VehVSigFR_Enf_CA	2x1
DINH_Lim.DFC_VehVSigFR_CA	2x1
DINH_Lim.DFC_VehVSigRL_Enf_CA	2x1
DINH_Lim.DFC_VehVSigRL_CA	2x1
DINH_Lim.DFC_VehVSigRR_Enf_CA	2x1
DINH_Lim.DFC_VehVSigRR_CA	2x1
DINH_Lim.DFC_VlvLftFbSwtExh11SpclFail_Enf_CA	28x1
DINH_Lim.DFC_VlvLftFbSwtExh11SpclFail_CA	6x1
DINH_Lim.DFC_VlvLftFbSwtExh11StdFail_Enf_CA	28x1
DINH_Lim.DFC_VlvLftFbSwtExh11StdFail_CA	7x1
DINH_Lim.DFC_DHFHD_CA	3x1
DINH_Lim.DFC_InjVlv_DI_NoLd_0_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_NoLd_0_CA	5x1
DINH_Lim.DFC_InjVlv_DI_NoLd_1_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_NoLd_1_CA	5x1
DINH_Lim.DFC_InjVlv_DI_NoLd_2_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_NoLd_2_CA	5x1
DINH_Lim.DFC_InjVlv_DI_NoLd_3_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_NoLd_3_CA	5x1
DINH_Lim.DFC_InjVlv_DI_ScBnk_0_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_ScBnk_0_CA	5x1
DINH_Lim.DFC_InjVlv_DI_ScBnk_1_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_ScBnk_1_CA	5x1
DINH_Lim.DFC_InjVlv_DI_ScBnk_2_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_ScBnk_2_CA	5x1
DINH_Lim.DFC_InjVlv_DI_ScBnk_3_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_ScBnk_3_CA	5x1
DINH_Lim.DFC_InjVlv_DI_ScCyl_0_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_ScCyl_0_CA	3x1
DINH_Lim.DFC_InjVlv_DI_ScCyl_1_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_ScCyl_1_CA	3x1
DINH_Lim.DFC_InjVlv_DI_ScCyl_2_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_ScCyl_2_CA	3x1
DINH_Lim.DFC_InjVlv_DI_ScCyl_3_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_ScCyl_3_CA	3x1
DINH_Lim.DFC_InjVlv_DI_ScHsLs_0_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_ScHsLs_0_CA	5x1
DINH_Lim.DFC_InjVlv_DI_ScHsLs_1_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_ScHsLs_1_CA	5x1
DINH_Lim.DFC_InjVlv_DI_ScHsLs_2_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_ScHsLs_2_CA	5x1
DINH_Lim.DFC_InjVlv_DI_ScHsLs_3_Enf_CA	7x1
DINH_Lim.DFC_InjVlv_DI_ScHsLs_3_CA	5x1
DINH_Lim.DFC_MfPsDiaOpenLoad1_Enf_CA	8x1
DINH_Lim.DFC_MfPsDiaOpenLoad1_CA	6x1
DINH_Lim.DFC_MfPsDiaScHiS1_Enf_CA	8x1
DINH_Lim.DFC_MfPsDiaScHiS1_CA	6x1
DINH_Lim.DFC_MfPsDiaScHiSLowS1_Enf_CA	8x1
DINH_Lim.DFC_MfPsDiaScHiSLowS1_CA	6x1
DINH_Lim.DFC_MfPsDiaScLowS1_Enf_CA	8x1
DINH_Lim.DFC_MfPsDiaScLowS1_CA	6x1
DINH_Lim.DFC_MfPsOpenLoad_Enf_CA	2x1
DINH_Lim.DFC_MfPsOpenLoad_CA	2x1
DINH_Lim.DFC_MfPsShCirBattLowSide_Enf_CA	2x1
DINH_Lim.DFC_MfPsShCirBattLowSide_CA	2x1
DINH_Lim.DFC_MfPsShCirGndLowSide_Enf_CA	3x1
DINH_Lim.DFC_MfPsShCirGndLowSide_CA	2x1
DINH_Lim.DFC_ACEvpTPhysRngHi_Enf_CA	2x1
DINH_Lim.DFC_ACEvpTPhysRngHi_CA	2x1
DINH_Lim.DFC_ACEvpTPhysRngLo_Enf_CA	2x1
DINH_Lim.DFC_ACEvpTPhysRngLo_CA	2x1
DINH_Lim.DFC_ACEvpTSRCMax_Enf_CA	3x1
DINH_Lim.DFC_ACEvpTSRCMax_CA	2x1
DINH_Lim.DFC_ACEvpTSRCMin_Enf_CA	3x1
DINH_Lim.DFC_ACEvpTSRCMin_CA	2x1
DINH_Lim.DFC_AirCCIntPAnaSRCMax_Enf_CA	2x1
DINH_Lim.DFC_AirCCIntPAnaSRCMax_CA	4x1
DINH_Lim.DFC_AirCCIntPAnaSRCMin_Enf_CA	2x1
DINH_Lim.DFC_AirCCIntPAnaSRCMin_CA	4x1
DINH_Lim.DFC_AirCSwtNpl_Enf_CA	1x1

DINH_Lim.DFC_AirCSwtNpl_CA	2x1
DINH_Lim.DFC_AirCSwtSig_Enf_CA	1x1
DINH_Lim.DFC_AirCSwtSig_CA	2x1
DINH_Lim.DFC_Brk_CA	2x1
DINH_Lim.DFC_BrkBstSensSCB_CA	7x1
DINH_Lim.DFC_BrkBstSensSCG_CA	7x1
DINH_Lim.DFC_BrkPPhysRngHi_Enf_CA	2x1
DINH_Lim.DFC_BrkPPhysRngHi_CA	2x1
DINH_Lim.DFC_BrkPPhysRngLo_Enf_CA	2x1
DINH_Lim.DFC_BrkPPhysRngLo_CA	2x1
DINH_Lim.DFC_BrkSig_Enf_CA	4x1
DINH_Lim.DFC_BrkSig_CA	2x1
DINH_Lim.DFC_ClthSig_Enf_CA	3x1
DINH_Lim.DFC_ClthSig_CA	5x1
DINH_Lim.DFC_EngSpdOL_CA	2x1
DINH_Lim.DFC_EngSpdOT_CA	2x1
DINH_Lim.DFC_EngSpdSCB_CA	2x1
DINH_Lim.DFC_EngSpdSCG_CA	2x1
DINH_Lim.DFC_GbxNPosSig_Enf_CA	2x1
DINH_Lim.DFC_GbxNPosSig_CA	6x1
DINH_Lim.DFC_HLSDemOvhtEngLim_CA	2x1
DINH_Lim.DFC_OilPSwmpSRCMax_Enf_CA	8x1
DINH_Lim.DFC_OilPSwmpSRCMax_CA	2x1
DINH_Lim.DFC_OilPSwmpSRCMin_Enf_CA	9x1
DINH_Lim.DFC_OilPSwmpSRCMin_CA	2x1
DINH_Lim.DFC_VehVPhysRngHi_Enf_CA	44x1
DINH_Lim.DFC_VehVPhysRngHi_CA	16x1
DINH_Lim.DFC_VehVPhysRngLo_Enf_CA	37x1
DINH_Lim.DFC_VehVPhysRngLo_CA	8x1
DINH_Lim.DFC_VehVSigCan_Enf_CA	2x1
DINH_Lim.DFC_VehVSigCan_CA	3x1
DINH_Lim.DFC_VehVSigCanSafe_Enf_CA	2x1
DINH_Lim.DFC_VehVSigCanSafe_CA	3x1
DINH_Lim.DFC_ClthNpl_Enf_CA	3x1
DINH_Lim.DFC_ClthNpl_CA	7x1
DINH_Lim.DFC_MRlySCG_Enf_CA	1x1
DINH_Lim.DFC_MRlySCG_CA	2x1
DINH_Lim.DFC_MisfDetVWhlFrntLeOORHi_CA	2x1
DINH_Lim.DFC_MisfDetVWhlFrntLeRatyHi_CA	2x1
DINH_Lim.DFC_MisfDetVWhlFrntLeRatyLo_CA	2x1
DINH_Lim.DFC_MisfDetVWhlFrntLeStuck_CA	2x1
DINH_Lim.DFC_MisfDetVWhlFrntRiOORHi_CA	2x1
DINH_Lim.DFC_MisfDetVWhlFrntRiRatyHi_CA	2x1
DINH_Lim.DFC_MisfDetVWhlFrntRiRatyLo_CA	2x1
DINH_Lim.DFC_MisfDetVWhlFrntRiStuck_CA	2x1
DINH_Lim.DFC_MisfDetVWhlReLeOORHi_CA	2x1
DINH_Lim.DFC_MisfDetVWhlReLeRatyHi_CA	2x1
DINH_Lim.DFC_MisfDetVWhlReLeRatyLo_CA	2x1
DINH_Lim.DFC_MisfDetVWhlReLeStuck_CA	2x1
DINH_Lim.DFC_MisfDetVWhlReRiOORHi_CA	2x1
DINH_Lim.DFC_MisfDetVWhlReRiRatyHi_CA	2x1
DINH_Lim.DFC_MisfDetVWhlReRiOORHi_CA	2x1
DINH_Lim.DFC_MisfDetVWhlReRiRatyHi_CA	2x1
DINH_Lim.DFC_MisfDetVWhlReRiRatyLo_CA	2x1
DINH_Lim.DFC_MisfDetVWhlReRiStuck_CA	2x1
DINH_Lim.DFC_PEnvCcMax_Enf_CA	21x1
DINH_Lim.DFC_PEnvCcMax_CA	6x1
DINH_Lim.DFC_PEnvCcMin_Enf_CA	21x1
DINH_Lim.DFC_PEnvCcMin_CA	6x1
DINH_Lim.DFC_PEnvPlausMax_Enf_CA	22x1
DINH_Lim.DFC_PEnvPlausMax_CA	5x1
DINH_Lim.DFC_PEnvPlausMin_Enf_CA	22x1
DINH_Lim.DFC_PEnvPlausMin_CA	5x1
DINH_Lim.DFC_PEnvRngChkMax_Enf_CA	22x1
DINH_Lim.DFC_PEnvRngChkMax_CA	2x1
DINH_Lim.DFC_PEnvRngChkMin_Enf_CA	22x1
DINH_Lim.DFC_PEnvRngChkMin_CA	2x1
DINH_Lim.DFC_PEnvSnsrPlaus_Enf_CA	21x1
DINH_Lim.DFC_PEnvSnsrPlaus_CA	2x1
DINH_Lim.DFC_UEGOHeatrPsS1B1Max_Enf_CA	32x1
DINH_Lim.DFC_UEGOHeatrPsS1B1Max_CA	6x1
DINH_Lim.DFC_UEGOHeatrPsS1B1Min_Enf_CA	31x1
DINH_Lim.DFC_UEGOHeatrPsS1B1Min_CA	6x1
DINH_Lim.DFC_UEGOHeatrPsS1B1Sig_Enf_CA	31x1
DINH_Lim.DFC_UEGOHeatrPsS1B1Sig_CA	6x1
DINH_Lim.DFC_UEGOHeatrRlyPsOLS1B1_Enf_CA	1x1
DINH_Lim.DFC_UEGOHeatrRlyPsOLS1B1_CA	2x1
DINH_Lim.DFC_UEGOHeatrRlyPsSCBS1B1_Enf_CA	1x1
DINH_Lim.DFC_UEGOHeatrRlyPsSCBS1B1_CA	3x1
DINH_Lim.DFC_UEGOHeatrRlyPsSCGS1B1_Enf_CA	1x1
DINH_Lim.DFC_UEGOHeatrRlyPsSCGS1B1_CA	2x1
DINH_Lim.DFC_KnDetSens1PortAMax_Enf_CA	4x1
DINH_Lim.DFC_KnDetSens1PortAMax_Enf_CA	4x1
DINH_Lim.DFC_KnDetSens1PortAMax_CA	3x1
DINH_Lim.DFC_KnDetSens1PortAMin_Enf_CA	4x1
DINH_Lim.DFC_KnDetSens1PortAMin_CA	3x1
DINH_Lim.DFC_KnDetSens1PortBMax_Enf_CA	6x1
DINH_Lim.DFC_KnDetSens1PortBMax_CA	3x1
DINH_Lim.DFC_KnDetSens1PortBMin_Enf_CA	6x1
DINH_Lim.DFC_KnDetSens1PortBMin_CA	3x1
DINH_Lim.DFC_AFIMRAWZlean_0_CA	2x1
DINH_Lim.DFC_AFIMRAWZlean_1_CA	2x1
DINH_Lim.DFC_AFIMRAWZlean_2_CA	2x1
DINH_Lim.DFC_AFIMRAWZlean_3_CA	2x1
DINH_Lim.DFC_AFIMRAWZrich_0_CA	2x1
DINH_Lim.DFC_AFIMRAWZrich_1_CA	2x1
DINH_Lim.DFC_AFIMRAWZrich_2_CA	2x1
DINH_Lim.DFC_AFIMRAWZrich_3_CA	2x1
DINH_Lim.DFC_AFIMRAWlean_CA	2x1
DINH_Lim.DFC_AFIMRAWrich_CA	2x1
DINH_Lim.DFC_AFIMZlean_0_Enf_CA	1x1
DINH_Lim.DFC_AFIMZlean_0_CA	2x1

DINH_Lim.DFC_AFIMZlean_1_Enf_CA	1x1
DINH_Lim.DFC_AFIMZlean_1_CA	2x1
DINH_Lim.DFC_AFIMZlean_2_Enf_CA	1x1
DINH_Lim.DFC_AFIMZlean_2_CA	2x1
DINH_Lim.DFC_AFIMZlean_3_Enf_CA	1x1
DINH_Lim.DFC_AFIMZlean_3_CA	2x1
DINH_Lim.DFC_AFIMZrich_0_CA	2x1
DINH_Lim.DFC_AFIMZrich_1_CA	2x1
DINH_Lim.DFC_AFIMZrich_2_CA	2x1
DINH_Lim.DFC_AFIMZrich_3_CA	2x1
DINH_Lim.DFC_AFIMlean_CA	2x1
DINH_Lim.DFC_AFIMrich_Enf_CA	1x1
DINH_Lim.DFC_AFIMrich_CA	2x1
DINH_Lim.DFC_Clth2ONStuck_CA	2x1
DINH_Lim.DFC_Clth2ONStuckLdc_CA	4x1
DINH_Lim.DFC_Clth3ONStuckLdc_CA	5x1
DINH_Lim.DFC_Clth3ONStuckPostDrv_CA	3x1
DINH_Lim.DFC_Clth4ONStuck_CA	2x1
DINH_Lim.DFC_Clth4ONStuckLdc_CA	9x1
DINH_Lim.DFC_DSTDmax_CA	2x1
DINH_Lim.DFC_DYLSUmin_CA	2x1
DINH_Lim.DFC_EEPEraseErr_CA	3x1
DINH_Lim.DFC_EbsSocFlt_CA	2x1
DINH_Lim.DFC_EepShdw_Enf_CA	2x1
DINH_Lim.DFC_EepShdw_CA	4x1
DINH_Lim.DFC_EngPrtTMFWShOff_CA	2x1
DINH_Lim.DFC_I14229VINErr_CA	2x1
DINH_Lim.DFC_InjCatHeatgErr_CA	2x1
DINH_Lim.DFC_LLRHmax_Enf_CA	5x1
DINH_Lim.DFC_LLRHmax_CA	2x1
DINH_Lim.DFC_LLRHmin_Enf_CA	5x1
DINH_Lim.DFC_LLRHmin_CA	2x1
DINH_Lim.DFC_LLRHnpl_Enf_CA	6x1
DINH_Lim.DFC_LLRHnpl_CA	2x1
DINH_Lim.DFC_LLRKHmax_CA	2x1
DINH_Lim.DFC_LLRKHmin_CA	2x1
DINH_Lim.DFC_LLRKHnpl_CA	2x1
DINH_Lim.DFC_OilPlausErr_CA	2x1
DINH_Lim.DFC_RoughRoad_CA	5x1
DINH_Lim.DFC_SiaEEPRdErr_Enf_CA	1x1
DINH_Lim.DFC_SiaEEPRdErr_CA	2x1
DINH_Lim.DFC_SiaEEPWrngCod_Enf_CA	1x1
DINH_Lim.DFC_SiaEEPWrngCod_CA	2x1
DINH_Lim.DFC_Tprot_Rttp_Err_CA	2x1
DINH_Lim.DFC_UegoDummy_CA	2x1
DINH_Lim.DFC_VehVMax_CA	2x1
DINH_Lim.DFC_VehVPlaus_CA	2x1
DINH_Lim.DFC_AAVEmax_Enf_CA	9x1
DINH_Lim.DFC_AAVEmax_CA	2x1
DINH_Lim.DFC_AAVEmin_Enf_CA	9x1
DINH_Lim.DFC_AAVEmin_CA	2x1
DINH_Lim.DFC_AAVEsig_Enf_CA	9x1
DINH_Lim.DFC_AAVEsig_CA	2x1
DINH_Lim.DFC_AAVmin_Enf_CA	1x1
DINH_Lim.DFC_AAVmin_CA	2x1
DINH_Lim.DFC_BBKRnldg_Enf_CA	2x1
DINH_Lim.DFC_BBKRnldg_CA	2x1
DINH_Lim.DFC_BBKRsyne_Enf_CA	2x1
DINH_Lim.DFC_BBKRsyne_CA	2x1
DINH_Lim.DFC_BigLeakIntkMnfldEmiInfl_Enf_CA	3x1
DINH_Lim.DFC_BigLeakIntkMnfldEmiInfl_CA	3x1
DINH_Lim.DFC_BrkMnSwtContOnWarnLmp_Enf_CA	1x1
DINH_Lim.DFC_BrkMnSwtContOnWarnLmp_CA	4x1
DINH_Lim.DFC_BrkMnSwtNotStpWarnLmp_Enf_CA	1x1
DINH_Lim.DFC_BrkMnSwtNotStpWarnLmp_CA	4x1
DINH_Lim.DFC_BrkRdntSwtContOnWarnLmp_Enf_CA	1x1
DINH_Lim.DFC_BrkRdntSwtContOnWarnLmp_CA	4x1
DINH_Lim.DFC_BrkRdntSwtNotStpWarnLmp_Enf_CA	1x1
DINH_Lim.DFC_BrkRdntSwtNotStpWarnLmp_CA	4x1
DINH_Lim.DFC_CEngDsTColdStrtMax_Enf_CA	43x1
DINH_Lim.DFC_CEngDsTColdStrtMax_CA	9x1
DINH_Lim.DFC_CEngDsTColdStrtMin_Enf_CA	43x1
DINH_Lim.DFC_CEngDsTColdStrtMin_CA	9x1
DINH_Lim.DFC_CEngDsTImps_Enf_CA	43x1
DINH_Lim.DFC_CEngDsTImps_CA	8x1
DINH_Lim.DFC_CEngDsTPlausHSC_Enf_CA	43x1
DINH_Lim.DFC_CEngDsTPlausHSC_CA	9x1
DINH_Lim.DFC_CEngDsTPlausLSC_Enf_CA	46x1
DINH_Lim.DFC_CEngDsTPlausLSC_CA	9x1
DINH_Lim.DFC_CEngDsTPlausSTC_Enf_CA	43x1
DINH_Lim.DFC_CEngDsTPlausSTC_CA	9x1
DINH_Lim.DFC_CEngDsTSRCMax_Enf_CA	50x1
DINH_Lim.DFC_CEngDsTSRCMax_CA	13x1
DINH_Lim.DFC_CEngDsTSRCMin_Enf_CA	50x1
DINH_Lim.DFC_CEngDsTSRCMin_CA	13x1
DINH_Lim.DFC_CEngDsTSig_Enf_CA	45x1
DINH_Lim.DFC_CEngDsTSig_CA	9x1
DINH_Lim.DFC_CEngUsTSRCMax_Enf_CA	7x1
DINH_Lim.DFC_CEngUsTSRCMax_CA	3x1
DINH_Lim.DFC_CEngUsTSRCMin_Enf_CA	7x1
DINH_Lim.DFC_CEngUsTSRCMin_CA	3x1
DINH_Lim.DFC_CFCmax_CA	2x1
DINH_Lim.DFC_CILCNMsfMax_0_CA	3x1
DINH_Lim.DFC_CILCNMsfMax_1_CA	3x1
DINH_Lim.DFC_CILCNMsfMax_2_CA	3x1
DINH_Lim.DFC_CILCNMsfMax_3_CA	3x1
DINH_Lim.DFC_CILCNMsfMaxSum_CA	3x1
DINH_Lim.DFC_CtT_Enf_CA	1x1
DINH_Lim.DFC_CtT_CA	2x1

DINH_Lim.DFC_DCDCFltDet_CA	8x1
DINH_Lim.DFC_DFRMmax_Enf_CA	12x1
DINH_Lim.DFC_DFRMmax_CA	2x1
DINH_Lim.DFC_DFRMmin_Enf_CA	12x1
DINH_Lim.DFC_DFRMmin_CA	2x1
DINH_Lim.DFC_DKRSA_Enf_CA	5x1
DINH_Lim.DFC_DKRSA_CA	3x1
DINH_Lim.DFC_DKVSmax_CA	2x1
DINH_Lim.DFC_DKnpl_CA	2x1
DINH_Lim.DFC_DSKVRmax_Enf_CA	11x1
DINH_Lim.DFC_DSKVRmax_CA	3x1
DINH_Lim.DFC_DSKVRmin_Enf_CA	11x1
DINH_Lim.DFC_DSKVRmin_CA	3x1
DINH_Lim.DFC_DSKVRnpl_Enf_CA	3x1
DINH_Lim.DFC_DSKVRnpl_CA	2x1
DINH_Lim.DFC_DSKVRsig_Enf_CA	3x1
DINH_Lim.DFC_DSKVRsig_CA	2x1
DINH_Lim.DFC_DSKVSsig_Enf_CA	9x1
DINH_Lim.DFC_DSKVSsig_CA	3x1
DINH_Lim.DFC_DSKVmax_Enf_CA	17x1
DINH_Lim.DFC_DSKVmax_CA	6x1
DINH_Lim.DFC_DSKVmin_Enf_CA	17x1
DINH_Lim.DFC_DSKVmin_CA	6x1
DINH_Lim.DFC_DSKVnpl_Enf_CA	14x1
DINH_Lim.DFC_DSKVnpl_CA	3x1
DINH_Lim.DFC_DSLmax_CA	2x1
DINH_Lim.DFC_DSSmax_CA	2x1
DINH_Lim.DFC_DSTEmax_Enf_CA	6x1
DINH_Lim.DFC_DSTEmax_CA	2x1
DINH_Lim.DFC_DSTEmin_Enf_CA	6x1
DINH_Lim.DFC_DSTEmin_CA	2x1
DINH_Lim.DFC_DSTRmax_Enf_CA	5x1
DINH_Lim.DFC_DSTRmax_CA	2x1
DINH_Lim.DFC_DSTRmin_Enf_CA	5x1
DINH_Lim.DFC_DSTRmin_CA	2x1
DINH_Lim.DFC_DSTRnpl_Enf_CA	5x1
DINH_Lim.DFC_DSTRnpl_CA	2x1
DINH_Lim.DFC_DSTRsig_Enf_CA	5x1
DINH_Lim.DFC_DSTRsig_CA	2x1
DINH_Lim.DFC_DSTTI_CA	3x1
DINH_Lim.DFC_DSTmax_CA	2x1
DINH_Lim.DFC_DSUmax_CA	2x1
DINH_Lim.DFC_EEPRdErr_Enf_CA	2x1
DINH_Lim.DFC_EEPRdErr_CA	6x1
DINH_Lim.DFC_EEPWrErr_Enf_CA	2x1
DINH_Lim.DFC_EEPWrErr_CA	5x1
DINH_Lim.DFC_EGFEmax_CA	2x1
DINH_Lim.DFC_EGFEmin_CA	2x1
DINH_Lim.DFC_EGSDUS2B1LtrDly_Enf_CA	10x1
DINH_Lim.DFC_EGSDUS2B1LtrDly_CA	2x1
DINH_Lim.DFC_EGSDUS2B1LtrPT1_Enf_CA	10x1
DINH_Lim.DFC_EGSDUS2B1LtrDly_CA	2x1
DINH_Lim.DFC_EGSDUS2B1LtrPT1_Enf_CA	10x1
DINH_Lim.DFC_EGSDUS2B1LtrPT1_CA	2x1
DINH_Lim.DFC_EGSDUS2B1RtlDly_Enf_CA	10x1
DINH_Lim.DFC_EGSDUS2B1RtlDly_CA	2x1
DINH_Lim.DFC_EGSDUS2B1RtlPT1_Enf_CA	10x1
DINH_Lim.DFC_EGSDUS2B1RtlPT1_CA	2x1
DINH_Lim.DFC_EGSDUS2B1TarLean_Enf_CA	18x1
DINH_Lim.DFC_EGSDUS2B1TarLean_CA	2x1
DINH_Lim.DFC_EGSDUS2B1TarRich_Enf_CA	18x1
DINH_Lim.DFC_EGSDUS2B1TarRich_CA	2x1
DINH_Lim.DFC_EONVmax_CA	2x1
DINH_Lim.DFC_ETAKHLmax_CA	2x1
DINH_Lim.DFC_ETAKHTmax_CA	2x1
DINH_Lim.DFC_EngPrtOvrSpdMon_CA	2x1
DINH_Lim.DFC_EnvTMBCMax_Enf_CA	17x1
DINH_Lim.DFC_EnvTMBCMax_CA	3x1
DINH_Lim.DFC_EnvTMBCMin_Enf_CA	17x1
DINH_Lim.DFC_EnvTMBCMin_CA	3x1
DINH_Lim.DFC_EnvTPRCMax_Enf_CA	18x1
DINH_Lim.DFC_EnvTPRCMax_CA	3x1
DINH_Lim.DFC_EnvTPRCMin_Enf_CA	18x1
DINH_Lim.DFC_EnvTPRCMin_CA	3x1
DINH_Lim.DFC_EpmCaSI1ErrSig_Enf_CA	16x1
DINH_Lim.DFC_EpmCaSI1ErrSig_CA	8x1
DINH_Lim.DFC_EpmCaSI1MntErr_Enf_CA	23x1
DINH_Lim.DFC_EpmCaSI1MntErr_CA	11x1
DINH_Lim.DFC_EpmCaSI1NoSigMax_Enf_CA	16x1
DINH_Lim.DFC_EpmCaSI1NoSigMax_CA	8x1
DINH_Lim.DFC_EpmCaSI1NoSigMin_Enf_CA	16x1
DINH_Lim.DFC_EpmCaSI1NoSigMin_CA	8x1
DINH_Lim.DFC_EpmCaSI1OfsErr_Enf_CA	33x1
DINH_Lim.DFC_EpmCaSI1OfsErr_CA	11x1
DINH_Lim.DFC_EpmCaSO1ErrSig_Enf_CA	14x1
DINH_Lim.DFC_EpmCaSO1ErrSig_CA	9x1
DINH_Lim.DFC_EpmCaSO1MntErr_Enf_CA	23x1
DINH_Lim.DFC_EpmCaSO1MntErr_CA	12x1
DINH_Lim.DFC_EpmCaSO1NoSigMax_Enf_CA	14x1
DINH_Lim.DFC_EpmCaSO1NoSigMax_CA	7x1
DINH_Lim.DFC_EpmCaSO1NoSigMin_Enf_CA	14x1
DINH_Lim.DFC_EpmCaSO1NoSigMin_CA	7x1
DINH_Lim.DFC_EpmCaSO1OfsErr_Enf_CA	33x1
DINH_Lim.DFC_EpmCaSO1OfsErr_CA	12x1
DINH_Lim.DFC_EpmCrSDGI_Enf_CA	5x1
DINH_Lim.DFC_EpmCrSDGI_CA	7x1
DINH_Lim.DFC_EpmCrSErrSig_Enf_CA	50x1
DINH_Lim.DFC_EpmCrSErrSig_CA	13x1
DINH_Lim.DFC_EpmCrSNoSig_Enf_CA	52x1
DINH_Lim.DFC_EpmCrSNoSig_CA	13x1
DINH_Lim.DFC_FRAmax_Enf_CA	16x1

DINH_Lim.DFC_FRAmax_CA	5x1
DINH_Lim.DFC_FRAmin_Enf_CA	16x1
DINH_Lim.DFC_FRAmin_CA	5x1
DINH_Lim.DFC_FSTEmax_CA	2x1
DINH_Lim.DFC_FSTEmin_CA	2x1
DINH_Lim.DFC_FSTRmax_CA	2x1
DINH_Lim.DFC_FSTRmin_CA	2x1
DINH_Lim.DFC_FSTRnpl_CA	2x1
DINH_Lim.DFC_FSTmax_CA	2x1
DINH_Lim.DFC_FTDLAmax_Enf_CA	19x1
DINH_Lim.DFC_FTDLAmax_CA	4x1
DINH_Lim.DFC_FTDLAmin_Enf_CA	19x1
DINH_Lim.DFC_FTDLAmin_CA	4x1
DINH_Lim.DFC_GEVlvLockPinDiagIntkB1_CA	3x1
DINH_Lim.DFC_GEVlvLockPinDiagOutlB1_CA	3x1
DINH_Lim.DFC_GEVlvPhaCsersExtdIntkB1_CA	3x1
DINH_Lim.DFC_GEVlvPhaCsersExtdOutlB1_CA	3x1
DINH_Lim.DFC_GEVlvPhaCsersIntkB1_Enf_CA	7x1
DINH_Lim.DFC_GEVlvPhaCsersIntkB1_CA	5x1
DINH_Lim.DFC_GEVlvPhaCsersOutlB1_Enf_CA	7x1
DINH_Lim.DFC_GEVlvPhaCsersOutlB1_CA	5x1
DINH_Lim.DFC_GEVlvPhaSlowIntkB1_Enf_CA	28x1
DINH_Lim.DFC_GEVlvPhaSlowIntkB1_CA	11x1
DINH_Lim.DFC_GEVlvPhaSlowOutlB1_Enf_CA	28x1
DINH_Lim.DFC_GEVlvPhaSlowOutlB1_CA	10x1
DINH_Lim.DFC_GEVlvPhaTargIntkB1_Enf_CA	29x1
DINH_Lim.DFC_GEVlvPhaTargIntkB1_CA	11x1
DINH_Lim.DFC_GEVlvPhaTargOutlB1_Enf_CA	29x1
DINH_Lim.DFC_GEVlvPhaTargOutlB1_CA	10x1
DINH_Lim.DFC_GbxRvsSwtStk_CA	6x1
DINH_Lim.DFC_HDRKHmax_Enf_CA	2x1
DINH_Lim.DFC_HDRKHmax_CA	2x1
DINH_Lim.DFC_HDRKHmin_Enf_CA	2x1
DINH_Lim.DFC_HDRKHmin_CA	2x1
DINH_Lim.DFC_HDRPLmax_Enf_CA	2x1
DINH_Lim.DFC_HDRPLmax_CA	2x1
DINH_Lim.DFC_HDRPLmin_Enf_CA	2x1
DINH_Lim.DFC_HDRPLmin_CA	2x1
DINH_Lim.DFC_HDRmax_Enf_CA	9x1
DINH_Lim.DFC_HDRmax_CA	6x1
DINH_Lim.DFC_HDRmin_Enf_CA	10x1
DINH_Lim.DFC_HDRmin_CA	6x1
DINH_Lim.DFC_HEGOS2B1ElecMax_Enf_CA	21x1
DINH_Lim.DFC_HEGOS2B1ElecMax_CA	2x1
DINH_Lim.DFC_HEGOS2B1ElecMin_Enf_CA	20x1
DINH_Lim.DFC_HEGOS2B1ElecMin_CA	2x1
DINH_Lim.DFC_HEGOS2B1ElecNpl_Enf_CA	17x1
DINH_Lim.DFC_HEGOS2B1ElecNpl_CA	2x1
DINH_Lim.DFC_HEGOS2B1ElecSig_Enf_CA	20x1
DINH_Lim.DFC_HEGOS2B1ElecSig_CA	2x1
DINH_Lim.DFC_HEGOS2B1HtgNpl_Enf_CA	15x1
DINH_Lim.DFC_HEGOS2B1HtgNpl_CA	2x1
DINH_Lim.DFC_HEGOS2B1HtrPsMax_Enf_CA	21x1
DINH_Lim.DFC_HEGOS2B1HtrPsMax_CA	2x1
DINH_Lim.DFC_HEGOS2B1HtrPsMin_Enf_CA	21x1
DINH_Lim.DFC_HEGOS2B1HtrPsMin_CA	2x1
DINH_Lim.DFC_HEGOS2B1HtrPsSig_Enf_CA	21x1
DINH_Lim.DFC_HEGOS2B1HtrPsSig_CA	2x1
DINH_Lim.DFC_HEV00max_Enf_CA	1x1
DINH_Lim.DFC_HEV00max_CA	2x1
DINH_Lim.DFC_HEV01max_Enf_CA	1x1
DINH_Lim.DFC_HEV01max_CA	2x1
DINH_Lim.DFC_HEV02max_Enf_CA	1x1
DINH_Lim.DFC_HEV02max_CA	2x1
DINH_Lim.DFC_HEV03max_Enf_CA	1x1
DINH_Lim.DFC_HEV03max_CA	2x1
DINH_Lim.DFC_HEVE0max_Enf_CA	3x1
DINH_Lim.DFC_HEVE0max_CA	2x1
DINH_Lim.DFC_HEVE1max_Enf_CA	3x1
DINH_Lim.DFC_HEVE1max_CA	2x1
DINH_Lim.DFC_HFM1Emax_Enf_CA	28x1
DINH_Lim.DFC_HFM1Emax_CA	3x1
DINH_Lim.DFC_HFM1Emin_Enf_CA	28x1
DINH_Lim.DFC_HFM1Emin_CA	3x1
DINH_Lim.DFC_HFM1Esig_Enf_CA	24x1
DINH_Lim.DFC_HFM1Esig_CA	3x1
DINH_Lim.DFC_HFMEmax_CA	2x1
DINH_Lim.DFC_HFMRmax_Enf_CA	24x1
DINH_Lim.DFC_HFMRmax_CA	3x1
DINH_Lim.DFC_HFMRmin_Enf_CA	24x1
DINH_Lim.DFC_HFMRmin_CA	3x1
DINH_Lim.DFC_HFMRnpl_Enf_CA	23x1
DINH_Lim.DFC_HFMRnpl_CA	3x1
DINH_Lim.DFC_HFMRsig_Enf_CA	22x1
DINH_Lim.DFC_HFMRsig_CA	3x1
DINH_Lim.DFC_HFMVmax_Enf_CA	22x1
DINH_Lim.DFC_HFMVmax_CA	3x1
DINH_Lim.DFC_HFMmax_CA	2x1
DINH_Lim.DFC_IVGdiCtlCvoErrMax_0_CA	2x1
DINH_Lim.DFC_IVGdiCtlCvoErrMax_1_CA	2x1
DINH_Lim.DFC_IVGdiCtlCvoErrMax_2_CA	2x1
DINH_Lim.DFC_IVGdiCtlCvoErrMax_3_CA	2x1
DINH_Lim.DFC_IVGdiCtlCvoErrMin_0_CA	2x1
DINH_Lim.DFC_IVGdiCtlCvoErrMin_1_CA	2x1
DINH_Lim.DFC_IVGdiCtlCvoErrMin_2_CA	2x1
DINH_Lim.DFC_IVGdiCtlCvoErrMin_3_CA	2x1
DINH_Lim.DFC_IVGdiCtlCvoErrMinMax_CA	2x1
DINH_Lim.DFC_IVGdiCtlCvoSigPlausErrSmrCdn_CA	2x1
DINH_Lim.DFC_IVGdiCtl_CvoErr_CA	2x1

DINH_Lim.DFC_IVGdiCtl_CvoSigPlaus_0_CA	2x1
DINH_Lim.DFC_IVGdiCtl_CvoSigPlaus_1_CA	2x1
DINH_Lim.DFC_IVGdiCtl_CvoSigPlaus_2_CA	2x1
DINH_Lim.DFC_IVGdiCtl_CvoSigPlaus_3_CA	2x1
DINH_Lim.DFC_IntkAirTAirFltDsCrssMax_Enf_CA	1x1
DINH_Lim.DFC_IntkAirTAirFltDsCrssMax_CA	2x1
DINH_Lim.DFC_IntkAirTAirFltDsCrssMin_Enf_CA	1x1
DINH_Lim.DFC_IntkAirTAirFltDsCrssMin_CA	2x1
DINH_Lim.DFC_IntkAirTAirFltDsHSCMax_Enf_CA	1x1
DINH_Lim.DFC_IntkAirTAirFltDsHSCMax_CA	2x1
DINH_Lim.DFC_IntkAirTAirFltDsImps_Enf_CA	5x1
DINH_Lim.DFC_IntkAirTAirFltDsImps_CA	2x1
DINH_Lim.DFC_IntkAirTAirFltDsPRCMax_Enf_CA	1x1
DINH_Lim.DFC_IntkAirTAirFltDsPRCMax_CA	2x1
DINH_Lim.DFC_IntkAirTAirFltDsPRCMin_Enf_CA	1x1
DINH_Lim.DFC_IntkAirTAirFltDsPRCMin_CA	2x1
DINH_Lim.DFC_IntkAirTAirFltDsSRCMax_Enf_CA	7x1
DINH_Lim.DFC_IntkAirTAirFltDsSRCMax_CA	3x1
DINH_Lim.DFC_IntkAirTAirFltDsSRCMin_Enf_CA	7x1
DINH_Lim.DFC_IntkAirTAirFltDsSRCMin_CA	3x1
DINH_Lim.DFC_IntkAirTAirFltDsSTC_Enf_CA	1x1
DINH_Lim.DFC_IntkAirTAirFltDsSRCMin_CA	3x1
DINH_Lim.DFC_IntkAirTAirFltDsSTC_Enf_CA	1x1
DINH_Lim.DFC_IntkAirTAirFltDsSTC_CA	2x1
DINH_Lim.DFC_IntkAirTIntkMnfldCrssMax_Enf_CA	14x1
DINH_Lim.DFC_IntkAirTIntkMnfldCrssMax_CA	4x1
DINH_Lim.DFC_IntkAirTIntkMnfldCrssMin_Enf_CA	14x1
DINH_Lim.DFC_IntkAirTIntkMnfldCrssMin_CA	4x1
DINH_Lim.DFC_IntkAirTIntkMnfldHSCMax_Enf_CA	14x1
DINH_Lim.DFC_IntkAirTIntkMnfldHSCMax_CA	4x1
DINH_Lim.DFC_IntkAirTIntkMnfldImps_Enf_CA	18x1
DINH_Lim.DFC_IntkAirTIntkMnfldImps_CA	4x1
DINH_Lim.DFC_IntkAirTIntkMnfldPRCMax_Enf_CA	14x1
DINH_Lim.DFC_IntkAirTIntkMnfldPRCMax_CA	5x1
DINH_Lim.DFC_IntkAirTIntkMnfldPRCMin_Enf_CA	16x1
DINH_Lim.DFC_IntkAirTIntkMnfldPRCMin_CA	5x1
DINH_Lim.DFC_IntkAirTIntkMnfldSRCMax_Enf_CA	21x1
DINH_Lim.DFC_IntkAirTIntkMnfldSRCMax_CA	5x1
DINH_Lim.DFC_IntkAirTIntkMnfldSRCMin_Enf_CA	21x1
DINH_Lim.DFC_IntkAirTIntkMnfldSRCMin_CA	5x1
DINH_Lim.DFC_IntkAirTIntkMnfldSTC_Enf_CA	14x1
DINH_Lim.DFC_IntkAirTIntkMnfldSTC_CA	4x1
DINH_Lim.DFC_KRREGRLMX_CA	2x1
DINH_Lim.DFC_KRVEKOCVLCI_CA	2x1
DINH_Lim.DFC_KRVEKOENCHMT_CA	2x1
DINH_Lim.DFC_KRVEKORLMX_CA	2x1
DINH_Lim.DFC_KRVEKORLMXL_CA	2x1
DINH_Lim.DFC_KS1max_Enf_CA	5x1
DINH_Lim.DFC_KS1max_CA	3x1
DINH_Lim.DFC_KS1min_Enf_CA	5x1
DINH_Lim.DFC_KS1min_CA	3x1
DINH_Lim.DFC_LDRRmax_Enf_CA	7x1
DINH_Lim.DFC_LDRRmax_CA	3x1
DINH_Lim.DFC_LDRRmin_Enf_CA	7x1
DINH_Lim.DFC_LDRRmin_CA	3x1
DINH_Lim.DFC_LMmax_Enf_CA	2x1
DINH_Lim.DFC_LMmax_CA	3x1
DINH_Lim.DFC_LZSRnpl_Enf_CA	1x1
DINH_Lim.DFC_LZSRnpl_CA	5x1
DINH_Lim.DFC_LamDynDiagS1B1_Enf_CA	27x1
DINH_Lim.DFC_LamDynDiagS1B1_CA	5x1
DINH_Lim.DFC_LeakIntkMnfldEmiInfl_Enf_CA	1x1
DINH_Lim.DFC_LeakIntkMnfldEmiInfl_CA	2x1
DINH_Lim.DFC_MD_Enf_CA	35x1
DINH_Lim.DFC_MD_CA	6x1
DINH_Lim.DFC_MDBmax_Enf_CA	3x1
DINH_Lim.DFC_MDBmax_CA	2x1
DINH_Lim.DFC_MDCatCrit_Enf_CA	1x1
DINH_Lim.DFC_MDCatCrit_CA	2x1
DINH_Lim.DFC_MDCyl_0_Enf_CA	3x1
DINH_Lim.DFC_MDCyl_0_CA	3x1
DINH_Lim.DFC_MDCyl_1_Enf_CA	3x1
DINH_Lim.DFC_MDCyl_1_CA	3x1
DINH_Lim.DFC_MDCyl_2_Enf_CA	3x1
DINH_Lim.DFC_MDCyl_2_CA	3x1
DINH_Lim.DFC_MDCyl_3_Enf_CA	3x1
DINH_Lim.DFC_MDCyl_3_CA	3x1
DINH_Lim.DFC_MDFC_Enf_CA	2x1
DINH_Lim.DFC_MDFC_CA	5x1
DINH_Lim.DFC_MRlyErlyOpng_CA	2x1
DINH_Lim.DFC_MRlyErlyOpngRng_CA	2x1
DINH_Lim.DFC_MRlyStk_CA	2x1
DINH_Lim.DFC_MoCADCNTP_Enf_CA	3x1
DINH_Lim.DFC_MoCADCNTP_CA	7x1
DINH_Lim.DFC_MoCADCTst_Enf_CA	3x1
DINH_Lim.DFC_MoCADCTst_CA	7x1
DINH_Lim.DFC_MoCComctErrMM_Enf_CA	3x1
DINH_Lim.DFC_MoCComctErrMM_CA	6x1
DINH_Lim.DFC_MoFAPP_Enf_CA	3x1
DINH_Lim.DFC_MoFAPP_CA	8x1
DINH_Lim.DFC_MoFAirFilgPrdc_Enf_CA	3x1
DINH_Lim.DFC_MoFAirFilgPrdc_CA	6x1
DINH_Lim.DFC_MoFAirFlCtOff_Enf_CA	3x1
DINH_Lim.DFC_MoFAirFlCtOff_CA	5x1
DINH_Lim.DFC_MoFAirFlCyl_Enf_CA	3x1
DINH_Lim.DFC_MoFAirFlCyl_CA	5x1
DINH_Lim.DFC_MoFESpd_Enf_CA	3x1
DINH_Lim.DFC_MoFESpd_CA	7x1
DINH_Lim.DFC_MoFGkc_Enf_CA	3x1
DINH_Lim.DFC_MoFGkc_CA	6x1
DINH_Lim.DFC_MoFICOL1_Enf_CA	3x1

DINH_Lim.DFC_MoFICOL1_CA	6x1
DINH_Lim.DFC_MoFICOL2_Enf_CA	1x1
DINH_Lim.DFC_MoFICOL2_CA	3x1
DINH_Lim.DFC_MoFModc_Enf_CA	3x1
DINH_Lim.DFC_MoFModc_CA	6x1
DINH_Lim.DFC_MoFRlc_Enf_CA	3x1
DINH_Lim.DFC_MoFRlc_CA	6x1
DINH_Lim.DFC_MoFStrt_CA	5x1
DINH_Lim.DFC_MoFTrqCmp_Enf_CA	3x1
DINH_Lim.DFC_MoFTrqCmp_CA	7x1
DINH_Lim.DFC_MoFZwc_Enf_CA	3x1
DINH_Lim.DFC_MoFZwc_CA	3x1
DINH_Lim.DFC_NWSAmax_CA	2x1
DINH_Lim.DFC_NWSEmax_CA	2x1
DINH_Lim.DFC_NWSmax_CA	2x1
DINH_Lim.DFC_OCWDAActv_CA	3x1
DINH_Lim.DFC_OCWDACom_CA	3x1
DINH_Lim.DFC_OCWDAOvrVltg_CA	2x1
DINH_Lim.DFC_ORAmax_Enf_CA	16x1
DINH_Lim.DFC_ORAmax_CA	5x1
DINH_Lim.DFC_ORAmin_Enf_CA	16x1
DINH_Lim.DFC_ORAmin_CA	5x1
DINH_Lim.DFC_OilPPlaus_Enf_CA	1x1
DINH_Lim.DFC_OilPPlaus_CA	2x1
DINH_Lim.DFC_PLLSUmax_Enf_CA	20x1
DINH_Lim.DFC_PLLSUmax_CA	7x1
DINH_Lim.DFC_PLLSUmin_Enf_CA	20x1
DINH_Lim.DFC_PLLSUmin_CA	7x1
DINH_Lim.DFC_PSR1max_CA	2x1
DINH_Lim.DFC_PSRBmax_Enf_CA	32x1
DINH_Lim.DFC_PSRBmax_CA	8x1
DINH_Lim.DFC_PSRBmin_Enf_CA	32x1
DINH_Lim.DFC_PSRBmin_CA	8x1
DINH_Lim.DFC_PSRBnpl_Enf_CA	36x1
DINH_Lim.DFC_PSRBnpl_CA	8x1
DINH_Lim.DFC_PSRBsig_Enf_CA	36x1
DINH_Lim.DFC_PSRBsig_CA	8x1
DINH_Lim.DFC_PSREmax_Enf_CA	36x1
DINH_Lim.DFC_PSREmax_CA	8x1
DINH_Lim.DFC_PSREmin_Enf_CA	36x1
DINH_Lim.DFC_PSREmin_CA	8x1
DINH_Lim.DFC_PSRPmax_Enf_CA	32x1
DINH_Lim.DFC_PSRPmax_CA	5x1
DINH_Lim.DFC_PSRPmin_Enf_CA	32x1
DINH_Lim.DFC_PSRPmin_CA	5x1
DINH_Lim.DFC_PSRPsig_Enf_CA	31x1
DINH_Lim.DFC_PSRPsig_CA	5x1
DINH_Lim.DFC_PSRmax_CA	2x1
DINH_Lim.DFC_PUmax_CA	2x1
DINH_Lim.DFC_PVD1max_CA	2x1
DINH_Lim.DFC_PVDEmax_Enf_CA	14x1
DINH_Lim.DFC_PVDEmax_CA	3x1
DINH_Lim.DFC_PVDEmin_Enf_CA	14x1
DINH_Lim.DFC_PVDEmin_CA	3x1
DINH_Lim.DFC_PVDRmax_Enf_CA	9x1
DINH_Lim.DFC_PVDRmax_CA	3x1
DINH_Lim.DFC_PVDRmin_Enf_CA	9x1
DINH_Lim.DFC_PVDRmin_CA	3x1
DINH_Lim.DFC_PVDRnpl_Enf_CA	13x1
DINH_Lim.DFC_PVDRnpl_CA	3x1
DINH_Lim.DFC_PVDRsig_Enf_CA	13x1
DINH_Lim.DFC_PVDRsig_CA	3x1
DINH_Lim.DFC_PVDmax_CA	2x1
DINH_Lim.DFC_SRCHighAPP1_Enf_CA	7x1
DINH_Lim.DFC_SRCHighAPP1_CA	7x1
DINH_Lim.DFC_SRCHighAPP2_Enf_CA	7x1
DINH_Lim.DFC_SRCHighAPP2_CA	7x1
DINH_Lim.DFC_SRCLowAPP1_Enf_CA	6x1
DINH_Lim.DFC_SRCLowAPP1_CA	7x1
DINH_Lim.DFC_SRCLowAPP2_Enf_CA	6x1
DINH_Lim.DFC_SRCLowAPP2_CA	7x1
DINH_Lim.DFC_STATFUmax_CA	2x1
DINH_Lim.DFC_STATFUmin_CA	2x1
DINH_Lim.DFC_STATFUnpl_CA	2x1
DINH_Lim.DFC_STHDRmax_CA	2x1
DINH_Lim.DFC_SUVRnpl_Enf_CA	1x1
DINH_Lim.DFC_SUVRnpl_CA	2x1
DINH_Lim.DFC_SUVmax_CA	2x1
DINH_Lim.DFC_SWReset_0_CA	2x1
DINH_Lim.DFC_SWReset_1_CA	2x1
DINH_Lim.DFC_SWReset_2_CA	2x1
DINH_Lim.DFC_StopCntTmr_CA	2x1
DINH_Lim.DFC_Stsys_trqshutoff_CA	2x1
DINH_Lim.DFC_SyncAPP_Enf_CA	8x1
DINH_Lim.DFC_SyncAPP_CA	7x1
DINH_Lim.DFC_TACSmax_Dummy_CA	2x1
DINH_Lim.DFC_TANKLnpl_CA	2x1
DINH_Lim.DFC_TANLESUMmax_Dummy_CA	2x1
DINH_Lim.DFC_TANLFmax_Dummy_CA	2x1
DINH_Lim.DFC_TARmax_Dummy_CA	2x1
DINH_Lim.DFC_TASRESUMmax_Dummy_CA	2x1
DINH_Lim.DFC_TASRmax_Dummy_CA	2x1
DINH_Lim.DFC_TAmax_Dummy_CA	2x1
DINH_Lim.DFC_TESFmax_Enf_CA	1x1
DINH_Lim.DFC_TESFmax_CA	2x1
DINH_Lim.DFC_TESGmax_Enf_CA	1x1
DINH_Lim.DFC_TESGmax_CA	2x1
DINH_Lim.DFC_TESKmax_CA	2x1
DINH_Lim.DFC_TESPL_CA	2x1

DINH_Lim.DFC_TESmax_Enf_CA	19x1
DINH_Lim.DFC_TESmax_CA	2x1
DINH_Lim.DFC_TESmin_Enf_CA	18x1
DINH_Lim.DFC_TESmin_CA	2x1
DINH_Lim.DFC_TEVEmax_Enf_CA	26x1
DINH_Lim.DFC_TEVEmax_CA	5x1
DINH_Lim.DFC_TEVEmin_Enf_CA	26x1
DINH_Lim.DFC_TEVEmin_CA	5x1
DINH_Lim.DFC_TEVEsig_Enf_CA	26x1
DINH_Lim.DFC_TEVEsig_CA	5x1
DINH_Lim.DFC_TKACSmax_Enf_CA	4x1
DINH_Lim.DFC_TKACSmax_CA	3x1
DINH_Lim.DFC_TKACSmin_Enf_CA	4x1
DINH_Lim.DFC_TKACSmin_CA	3x1
DINH_Lim.DFC_TKAEmax_Enf_CA	7x1
DINH_Lim.DFC_TKAEmax_CA	3x1
DINH_Lim.DFC_TKAEmin_Enf_CA	7x1
DINH_Lim.DFC_TKAEmin_CA	3x1
DINH_Lim.DFC_TKARmax_Enf_CA	5x1
DINH_Lim.DFC_TKARmax_CA	3x1
DINH_Lim.DFC_TKARnpl_Enf_CA	5x1
DINH_Lim.DFC_TKARnpl_CA	3x1
DINH_Lim.DFC_TMmax_Enf_CA	2x1
DINH_Lim.DFC_TMmax_CA	3x1
DINH_Lim.DFC_TUMPmax_CA	2x1
DINH_Lim.DFC_TUMmax_Enf_CA	1x1
DINH_Lim.DFC_TUMmax_CA	2x1
DINH_Lim.DFC_TWCDPriCatB1_Enf_CA	3x1
DINH_Lim.DFC_TWCDPriCatB1_CA	3x1
DINH_Lim.DFC_ThrVlvClsdPosnFirstOffsLrnImpoB1_Enf_CA	13x1
DINH_Lim.DFC_ThrVlvClsdPosnFirstOffsLrnImpoB1_CA	7x1
DINH_Lim.DFC_ThrVlvClsdPosnOffsLrnImpoB1_Enf_CA	1x1
DINH_Lim.DFC_ThrVlvClsdPosnOffsLrnImpoB1_CA	7x1
DINH_Lim.DFC_ThrVlvClsdPosnOffsLrnMaxB1_Enf_CA	1x1
DINH_Lim.DFC_ThrVlvClsdPosnOffsLrnMaxB1_CA	7x1
DINH_Lim.DFC_ThrVlvClsdPosnOffsLrnMinB1_Enf_CA	1x1
DINH_Lim.DFC_ThrVlvClsdPosnOffsLrnMinB1_CA	7x1
DINH_Lim.DFC_ThrVlvCtrlDeB1_Enf_CA	5x1
DINH_Lim.DFC_ThrVlvCtrlDeB1_CA	8x1
DINH_Lim.DFC_ThrVlvDycB1_Enf_CA	4x1
DINH_Lim.DFC_ThrVlvDycB1_CA	9x1
DINH_Lim.DFC_ThrVlvLimpAirPosnMaxAbsItDriftB1_Enf_CA	1x1
DINH_Lim.DFC_ThrVlvLimpAirPosnMaxAbsItDriftB1_CA	4x1
DINH_Lim.DFC_ThrVlvLimpAirPosnMaxB1_Enf_CA	1x1
DINH_Lim.DFC_ThrVlvLimpAirPosnMaxB1_CA	4x1
DINH_Lim.DFC_ThrVlvLimpAirPosnMaxRelDriftB1_Enf_CA	1x1
DINH_Lim.DFC_ThrVlvLimpAirPosnMaxRelDriftB1_CA	4x1
DINH_Lim.DFC_ThrVlvLimpAirPosnMinB1_Enf_CA	1x1
DINH_Lim.DFC_ThrVlvLimpAirPosnMinB1_CA	4x1
DINH_Lim.DFC_ThrVlvOpenLoadB1_Enf_CA	4x1
DINH_Lim.DFC_ThrVlvOpenLoadB1_CA	8x1
DINH_Lim.DFC_ThrVlvOpenLoadB1_Enf_CA	4x1
DINH_Lim.DFC_ThrVlvOpenLoadB1_CA	8x1
DINH_Lim.DFC_ThrVlvOpenSprgB1_Enf_CA	4x1
DINH_Lim.DFC_ThrVlvOpenSprgB1_CA	6x1
DINH_Lim.DFC_ThrVlvOpenSprgSprdB1_Enf_CA	1x1
DINH_Lim.DFC_ThrVlvOpenSprgSprdB1_CA	3x1
DINH_Lim.DFC_ThrVlvOverTB1_Enf_CA	4x1
DINH_Lim.DFC_ThrVlvOverTB1_CA	8x1
DINH_Lim.DFC_ThrVlvRetSprgB1_Enf_CA	4x1
DINH_Lim.DFC_ThrVlvRetSprgB1_CA	7x1
DINH_Lim.DFC_ThrVlvRetSprgSprdB1_CA	3x1
DINH_Lim.DFC_ThrVlvSens1MaxB1_Enf_CA	28x1
DINH_Lim.DFC_ThrVlvSens1MaxB1_CA	9x1
DINH_Lim.DFC_ThrVlvSens1NplB1_Enf_CA	28x1
DINH_Lim.DFC_ThrVlvSens1NplB1_CA	9x1
DINH_Lim.DFC_ThrVlvSens2MaxB1_Enf_CA	28x1
DINH_Lim.DFC_ThrVlvSens2MaxB1_CA	9x1
DINH_Lim.DFC_ThrVlvSens2MinB1_Enf_CA	28x1
DINH_Lim.DFC_ThrVlvSens2MinB1_CA	9x1
DINH_Lim.DFC_ThrVlvSens2NplB1_Enf_CA	28x1
DINH_Lim.DFC_ThrVlvSens2NplB1_CA	9x1
DINH_Lim.DFC_ThrVlvShoCircB1_Enf_CA	6x1
DINH_Lim.DFC_ThrVlvShoCircB1_CA	8x1
DINH_Lim.DFC_ThrVlvSpiErrB1_Enf_CA	4x1
DINH_Lim.DFC_ThrVlvSpiErrB1_CA	8x1
DINH_Lim.DFC_ThrvlvSens1MinB1_Enf_CA	28x1
DINH_Lim.DFC_ThrvlvSens1MinB1_CA	9x1
DINH_Lim.DFC_TrbChCtrlDeB1_Enf_CA	8x1
DINH_Lim.DFC_TrbChCtrlDeB1_CA	3x1
DINH_Lim.DFC_TrbChDycB1_Enf_CA	8x1
DINH_Lim.DFC_TrbChDycB1_CA	3x1
DINH_Lim.DFC_TrbChLvrBrknB1_Enf_CA	5x1
DINH_Lim.DFC_TrbChDycB1_CA	3x1
DINH_Lim.DFC_TrbChLvrBrknB1_Enf_CA	5x1
DINH_Lim.DFC_TrbChLvrBrknB1_CA	3x1
DINH_Lim.DFC_TrbChOpenLoadB1_Enf_CA	10x1
DINH_Lim.DFC_TrbChOpenLoadB1_CA	3x1
DINH_Lim.DFC_TrbChOverTB1_Enf_CA	10x1
DINH_Lim.DFC_TrbChOverTB1_CA	3x1
DINH_Lim.DFC_TrbChPrmntFirstOffsLrnMaxB1_Enf_CA	9x1
DINH_Lim.DFC_TrbChPrmntFirstOffsLrnMaxB1_CA	3x1
DINH_Lim.DFC_TrbChPrmntFirstOffsLrnMinB1_Enf_CA	9x1
DINH_Lim.DFC_TrbChPrmntFirstOffsLrnMinB1_CA	3x1
DINH_Lim.DFC_TrbChPrmntOffsLrnMaxB1_Enf_CA	9x1
DINH_Lim.DFC_TrbChPrmntOffsLrnMaxB1_CA	3x1
DINH_Lim.DFC_TrbChPrmntOffsLrnMinB1_Enf_CA	9x1
DINH_Lim.DFC_TrbChPrmntOffsLrnMinB1_CA	3x1
DINH_Lim.DFC_TrbChSens1MaxB1_Enf_CA	9x1
DINH_Lim.DFC_TrbChSens1MaxB1_CA	4x1
DINH_Lim.DFC_TrbChSens1MinB1_Enf_CA	9x1
DINH_Lim.DFC_TrbChSens1MinB1_CA	4x1
DINH_Lim.DFC_TrbChShoCircB1_Enf_CA	10x1

DINH_Lim.DFC_TrbChShoCircB1_CA	3x1
DINH_Lim.DFC_TrbChSpiErrB1_Enf_CA	9x1
DINH_Lim.DFC_TrbChSpiErrB1_CA	3x1
DINH_Lim.DFC_UEGOHeatrCtlS1B1_Enf_CA	26x1
DINH_Lim.DFC_UEGOHeatrCtlS1B1_CA	5x1
DINH_Lim.DFC_UEGOSnsrMntdS1B1_Enf_CA	20x1
DINH_Lim.DFC_UEGOSnsrMntdS1B1_CA	5x1
DINH_Lim.DFC_UVSEmax_Enf_CA	4x1
DINH_Lim.DFC_UVSEmax_CA	2x1
DINH_Lim.DFC_UVSEmin_Enf_CA	4x1
DINH_Lim.DFC_UVSEmin_CA	2x1
DINH_Lim.DFC_UVSEsig_Enf_CA	4x1
DINH_Lim.DFC_UVSEsig_CA	2x1
DINH_Lim.DFC_VehVSig_Enf_CA	37x1
DINH_Lim.DFC_VehVSig_CA	15x1
DINH_Lim.DFC_VlvLftExh1max_Enf_CA	29x1
DINH_Lim.DFC_VlvLftExh1max_CA	6x1
DINH_Lim.DFC_VlvLftExh1min_Enf_CA	29x1
DINH_Lim.DFC_VlvLftExh1min_CA	6x1
DINH_Lim.DFC_VlvLftExh1sig_Enf_CA	29x1
DINH_Lim.DFC_VlvLftExh1sig_CA	6x1
DINH_Lim.DSQ_ACClntP_CA	2x1
DINH_Lim.DSQ_ACEvpT_CA	2x1
DINH_Lim.DSQ_AirCCmprActr_CA	2x1
DINH_Lim.DSQ_BattU_Enf_CA	2x1
DINH_Lim.DSQ_BattU_CA	4x1
DINH_Lim.DSQ_BrkBstPMdl_CA	2x1
DINH_Lim.DSQ_BrkP_Enf_CA	1x1
DINH_Lim.DSQ_BrkP_CA	2x1
DINH_Lim.DSQ_CEngDsT_Enf_CA	4x1
DINH_Lim.DSQ_CEngDsT_CA	3x1
DINH_Lim.DSQ_CEngUsT_CA	2x1
DINH_Lim.DSQ_DSMInhibitAlways_Enf_CA	1x1
DINH_Lim.DSQ_DSMInhibitAlways_CA	2x1
DINH_Lim.DSQ_ElecLd_Enf_CA	1x1
DINH_Lim.DSQ_ElecLd_CA	2x1
DINH_Lim.DSQ_EngDaEngOff_CA	2x1
DINH_Lim.DSQ_EnvP_Enf_CA	1x1
DINH_Lim.DSQ_EnvP_CA	2x1
DINH_Lim.DSQ_EnvT_Enf_CA	2x1
DINH_Lim.DSQ_EnvT_CA	2x1
DINH_Lim.DSQ_EpmCaSSigQuality_Enf_CA	10x1
DINH_Lim.DSQ_EpmCaSSigQuality_CA	2x1
DINH_Lim.DSQ_EpmReverseRun_Enf_CA	5x1
DINH_Lim.DSQ_EpmReverseRun_CA	2x1
DINH_Lim.DSQ_FanDIO_0_CA	2x1
DINH_Lim.DSQ_FanDIO_1_CA	2x1
DINH_Lim.DSQ_FuelT_CA	2x1
DINH_Lim.DSQ_GEVCtlTOilCylHd_CA	2x1
DINH_Lim.DSQ_GEVlvAgIntkB1_Enf_CA	1x1
DINH_Lim.DSQ_GEVlvAgIntkB1_CA	2x1
DINH_Lim.DSQ_GEVlvAgOutlB1_Enf_CA	1x1
DINH_Lim.DSQ_GEVlvAgOutlB1_CA	2x1
DINH_Lim.DSQ_GbxRevLck_CA	2x1
DINH_Lim.DSQ_InjVlv_DI_CylOk_CA	2x1
DINH_Lim.DSQ_IntkAirTAirFltDs_CA	3x1
DINH_Lim.DSQ_IntkAirTIntkMnfld_CA	3x1
DINH_Lim.DSQ_IntkAirTSnsr1_Enf_CA	2x1
DINH_Lim.DSQ_IntkAirTSnsr1_CA	2x1
DINH_Lim.DSQ_IntkAirTSnsr2_Enf_CA	2x1
DINH_Lim.DSQ_IntkAirTSnsr2_CA	2x1
DINH_Lim.DSQ_IntkAirTThrVlvUs_CA	2x1
DINH_Lim.DSQ_OilP_CA	2x1
DINH_Lim.DSQ_OilSwmpT_t_Enf_CA	2x1
DINH_Lim.DSQ_OilSwmpT_t_CA	4x1
DINH_Lim.DSQ_OilSwmpT_tADC_CA	2x1
DINH_Lim.DSQ_OilSwmpT_tADCStop_CA	2x1
DINH_Lim.DSQ_OilSwmpT_tPULS_CA	2x1
DINH_Lim.DSQ_OilSwmpT_tPULSStop_CA	2x1
DINH_Lim.DSQ_OilSwmpT_tStop_CA	2x1
DINH_Lim.DSQ_OilT_Enf_CA	3x1
DINH_Lim.DSQ_OilT_CA	2x1
DINH_Lim.DSQ_OilTADC_CA	2x1
DINH_Lim.DSQ_OilTPULS_CA	2x1
DINH_Lim.DSQ_PEnvMeasVld_Enf_CA	1x1
DINH_Lim.DSQ_PEnvMeasVld_CA	2x1
DINH_Lim.DSQ_PEnvVld_CA	2x1
DINH_Lim.DSQ_PEnv_pRaw_Enf_CA	2x1
DINH_Lim.DSQ_PEnv_pRaw_CA	2x1
DINH_Lim.DSQ_RvsRotPred_CA	2x1
DINH_Lim.DSQ_StrtImobChk_CA	2x1
DINH_Lim.DSQ_T50CmpnPrtOff_CA	2x1
DINH_Lim.DSQ_TDevCenColdStrt_Enf_CA	4x1
DINH_Lim.DSQ_TDevCenColdStrt_CA	2x1
DINH_Lim.DSQ_UEGOHeatrPwrOKS1B1_CA	2x1
DINH_Lim.DSQ_UEGOIPmpS1B1_Enf_CA	6x1
DINH_Lim.DSQ_UEGOIPmpS1B1_CA	3x1
DINH_Lim.DSQ_UEGOLamS1B1_Enf_CA	2x1
DINH_Lim.DSQ_UEGOLamS1B1_CA	3x1
DINH_Lim.DSQ_UEGOTCtrlS1B1_Enf_CA	11x1
DINH_Lim.DSQ_UEGOTCtrlS1B1_CA	3x1
DINH_Lim.DSQ_VehV_Enf_CA	4x1
DINH_Lim.DSQ_VehV_CA	3x1
DINH_Lim.DSQ_VehVSens_Enf_CA	2x1
DINH_Lim.DSQ_VehVSens_CA	2x1
DINH_Lim.DSQ_VehVSnsr_Enf_CA	10x1
DINH_Lim.DSQ_VehVSnsr_CA	2x1
DINH_Lim.DSQ_stAPP_Enf_CA	1x1
DINH_Lim.DSQ_stAPP_CA	6x1

DINH_Lim.DSQ_stComAWD_CA	2x1
DINH_Lim.DSQ_stComAYCB_Enf_CA	2x1
DINH_Lim.DSQ_stComAYCB_CA	2x1
DINH_Lim.DSQ_stComEAT4_CA	3x1
DINH_tiUpdObsv_C	1x1
DINH_xFIDObsv_C	1x1
Dio_idxClth2ID_C	1x1
Dio_idxClth3ID_C	1x1
Dio_idxClth4ID_C	1x1
Dio_idxClthID_C	1x1
Dio_idxGbxNPosID_C	1x1
Dio_idxGbxRevLckOD_C	1x1
Dio_idxSCSID_C	1x1
Dio_idxStSpSwtID_C	1x1
Dio_idxT50ID_C	1x1
Dio_idxT50RxID_C	1x1
Dipo_PortPhaIntkB1_errOL_high_C	1x1
Dipo_PortPhaIntkB1_errOL_low_C	1x1
Dipo_PortPhaIntkB1_errSCB_high_C	1x1
Dipo_PortPhaIntkB1_errSCB_low_C	1x1
Dipo_PortPhaIntkB1_errSCG_high_C	1x1
Dipo_PortPhaIntkB1_errSCB_low_C	1x1
Dipo_PortPhaIntkB1_errSCG_high_C	1x1
Dipo_PortPhaIntkB1_errSCG_low_C	1x1
Dipo_PortPhaOutlB1_errOL_high_C	1x1
Dipo_PortPhaOutlB1_errOL_low_C	1x1
Dipo_PortPhaOutlB1_errSCB_high_C	1x1
Dipo_PortPhaOutlB1_errSCB_low_C	1x1
Dipo_PortPhaOutlB1_errSCG_high_C	1x1
Dipo_PortPhaOutlB1_errSCG_low_C	1x1
Dipo_P_VSA11_errOL_high_C	1x1
Dipo_P_VSA11_errOL_low_C	1x1
Dipo_P_VSA11_errSCB_high_C	1x1
Dipo_P_VSA11_errSCB_low_C	1x1
Dipo_P_VSA11_errSCG_high_C	1x1
Dipo_P_VSA11_errSCG_low_C	1x1
criterias to count general denominator and ignition cycle counter / minimum detection time for ignition cycle counter after engine start	1x1
criterias to count general denominator and ignition cycle counter / minimum activation time of a component to increment denominator	1x1
criterias to count general denominator and ignition cycle counter / minimal driven distance to release special 500 miles denominator	1x1
criterias to count general denominator and ignition cycle counter / minimum operation time about 25 miles per hour	1x1
criterias to count general denominator and ignition cycle counter / maximum elevation (represented by minimum air pressure)	1x1
criterias to count general denominator and ignition cycle counter / minimum vehicle speed	1x1
criterias to count general denominator and ignition cycle counter / maximum accelerator pedal position for idle detection	1x1
criterias to count general denominator and ignition cycle counter / maximim vehicle speed for idle detection	1x1
criterias to count general denominator and ignition cycle counter / mimimum ambient temperatur	1x1
criterias to count general denominator and ignition cycle counter / minimum operation time in idle state	1x1
criterias to count general denominator and ignition cycle counter / minimum operation time	1x1
criterias to count general denominator and ignition cycle counter / Number of increments of the internal odometer to reach a interval of 10 km	1x1
criterias to count general denominator and ignition cycle counter / minimum energising time twice required for a component to increment the denominator	1x1
criterias to count general denominator and ignition cycle counter / Minimal time for fueled engine firm(operation)	1x1
DIUMPR_Ctl.Fld_atevps_C	1x1
DIUMPR_Ctl.Fld_atevpspl_C	1x1
DIUMPR_Ctl.FID_BLLRH_C	1x1
DIUMPR_Ctl.Fld_atevpspl_C	1x1
DIUMPR_Ctl.FID_BLLRH_C	1x1
DIUMPR_Ctl.FID_BLLRKH_C	1x1
DIUMPR_Ctl.FID_BPLSU_C	1x1
DIUMPR_Ctl.Fld_UEGOSnsrMntdRelsS1B1_C	1x1
DIUMPR_Ctl.FID_BEONV_C	1x1
DIUMPR_Ctl.FID_CAFIMD_C	1x1
DIUMPR_Ctl.FID_CAFIMRAWD_C	1x1
DIUMPR_Ctl.FID_CDSKVR_C	1x1
DIUMPR_Ctl.FID_CDSTR_C	1x1
DIUMPR_Ctl.FID_CETKHL_C	1x1
DIUMPR_Ctl.FID_CETKHT_C	1x1
DIUMPR_Ctl.FID_CGLSRDP_C	1x1
DIUMPR_Ctl.FID_CHDRKH_C	1x1
DIUMPR_Ctl.FID_CHFMR_C	1x1
DIUMPR_Ctl.FID_CLZSRDP_C	1x1
DIUMPR_Ctl.FID_CLZSRHP_C	1x1
DIUMPR_Ctl.FID_CPSRP_C	1x1
DIUMPR_Ctl.FID_CPVDR_C	1x1
DIUMPR_Ctl.FID_CSUVRH_C	1x1
DIUMPR_Ctl.FID_CSUVRP_C	1x1
DIUMPR_Ctl.FID_CTESF_C	1x1
DIUMPR_Ctl.FID_CTESG_C	1x1
DIUMPR_Ctl.FID_CTKA_C	1x1
DIUMPR_Ctl.FID_CTKACS_C	1x1
DIUMPR_Ctl.FID_LDRRMN_C	1x1
DIUMPR_Ctl.Fld_CEngDsTColdStrt_C	1x1
DIUMPR_Ctl.Fld_CEngDsTPlaus_C	1x1
DIUMPR_Ctl.Fld_ClnjCatHeatgDiag_C	1x1
DIUMPR_Ctl.Fld_Cj135Dummy_C	1x1
DIUMPR_Ctl.Fld_Cj135PerdDiagOperEnaS1B1_C	1x1
DIUMPR_Ctl.Fld_CtTMon_C	1x1
DIUMPR_Ctl.Fld_EGSDUS2B1LtrDly_C	1x1
DIUMPR_Ctl.Fld_EGSDUS2B1LtrPT1_C	1x1
DIUMPR_Ctl.Fld_EGSDUS2B1RtlDly_C	1x1
DIUMPR_Ctl.Fld_EGSDUS2B1RtlPT1_C	1x1
DIUMPR_Ctl.Fld_EGSDUS2B1TarLean_C	1x1
DIUMPR_Ctl.Fld_EGSDUS2B1TarRich_C	1x1
DIUMPR_Ctl.Fld_EnvTMBC_C	1x1
DIUMPR_Ctl.Fld_EpmCaSOfsErrCaSl1_C	1x1
DIUMPR_Ctl.Fld_EpmCaSOfsErrCaSO1_C	1x1
DIUMPR_Ctl.Fld_GEVlvLockPinDiagIntkB1_C	1x1
DIUMPR_Ctl.Fld_GEVlvLockPinDiagOutlB1_C	1x1
DIUMPR_Ctl.Fld_GEVlvPhaCsersExtdIntkB1_C	1x1
DIUMPR_Ctl.Fld_GEVlvPhaCsersExtdOutlB1_C	1x1
DIUMPR_Ctl.Fld_GEVlvPhaDiagEnaCsersIntkB1_C	1x1
DIUMPR_Ctl.Fld_GEVlvPhaDiagEnaCsersOutlB1_C	1x1
DIUMPR_Ctl.Fld_GEVlvPhaDiagEnaIntkB1_C	1x1
DIUMPR_Ctl.Fld_GEVlvPhaDiagEnaOutlB1_C	1x1
DIUMPR_Ctl.Fld_HEGOS2B1DHtg_C	1x1

DIUMPR_Ctl.Fld_InhbLamDynS1B1_C	1x1
DIUMPR_Ctl.Fld_IntkAirTAirFltDsCrssChk_C	1x1
DIUMPR_Ctl.Fld_IntkAirTAirFltDsPlausChk_C	1x1
DIUMPR_Ctl.Fld_IntkAirTIntkMnfldCrssChk_C	1x1
DIUMPR_Ctl.Fld_IntkAirTIntkMnfldPlausChk_C	1x1
DIUMPR_Ctl.Fld_PEnvPlausDiagVDD_C	1x1
DIUMPR_Ctl.Fld_TWCDPriCatParB1_C	1x1
DIUMPR_Ctl.Fld_TrbChOffsLrnPrmsB1_C	1x1
DIUMPR_Ctl.Fld_UEGOPrmntDiagS1B1_C	1x1
DIUMPR_DFC.Fld_atevps_C	1x1
DIUMPR_DFC.Fld_atevpspl_C	1x1
DIUMPR_DFC.FID_BLLRH_C	1x1
DIUMPR_DFC.FID_BLLRKH_C	1x1
DIUMPR_DFC.FID_BPLSU_C	1x1
DIUMPR_DFC.Fld_UEGOSnsrMntdRelsS1B1_C	1x1
DIUMPR_DFC.FID_BEONV_C	1x1
DIUMPR_DFC.FID_CAFIMD_C	1x1
DIUMPR_DFC.FID_CAFIMRAWD_C	1x1
DIUMPR_DFC.FID_CDSKVR_C	1x1
DIUMPR_DFC.FID_CDSTR_C	1x1
DIUMPR_DFC.FID_CETKHL_C	1x1
DIUMPR_DFC.FID_CETKHT_C	1x1
DIUMPR_DFC.FID_CGLSRDP_C	1x1
DIUMPR_DFC.FID_CHDRKH_C	1x1
DIUMPR_DFC.FID_CHFMR_C	1x1
DIUMPR_DFC.FID_CLZSRDP_C	1x1
DIUMPR_DFC.FID_CLZSRHP_C	1x1
DIUMPR_DFC.FID_CPSRP_C	1x1
DIUMPR_DFC.FID_CPVDR_C	1x1
DIUMPR_DFC.FID_CSUVRH_C	1x1
DIUMPR_DFC.FID_CSUVRP_C	1x1
DIUMPR_DFC.FID_CTESF_C	1x1
DIUMPR_DFC.FID_CTESG_C	1x1
DIUMPR_DFC.FID_CTKA_C	1x1
DIUMPR_DFC.FID_CTKACS_C	1x1
DIUMPR_DFC.FID_LDRRMN_C	1x1
DIUMPR_DFC.Fld_CEngDsTColdStrt_C	1x1
DIUMPR_DFC.Fld_CEngDsTPlaus_C	1x1
DIUMPR_DFC.Fld_CInjCatHeatgDiag_C	1x1
DIUMPR_DFC.Fld_Cj135Dummy_C	1x1
DIUMPR_DFC.Fld_Cj135PerdDiagOperEnaS1B1_C	1x1
DIUMPR_DFC.Fld_CtTMon_C	1x1
DIUMPR_DFC.Fld_EGSDUS2B1LtrDly_C	1x1
DIUMPR_DFC.Fld_EGSDUS2B1LtrPT1_C	1x1
DIUMPR_DFC.Fld_EGSDUS2B1RtlDly_C	1x1
DIUMPR_DFC.Fld_EGSDUS2B1RtlPT1_C	1x1
DIUMPR_DFC.Fld_EGSDUS2B1TarLean_C	1x1
DIUMPR_DFC.Fld_EGSDUS2B1TarRich_C	1x1
DIUMPR_DFC.Fld_EnvTMBC_C	1x1
DIUMPR_DFC.Fld_EpmCaSOfsErrCaSl1_C	1x1
DIUMPR_DFC.Fld_EpmCaSOfsErrCaSO1_C	1x1
DIUMPR_DFC.Fld_GEVlvLockPinDiagIntkB1_C	1x1
DIUMPR_DFC.Fld_GEVlvLockPinDiagOutlB1_C	1x1
DIUMPR_DFC.Fld_GEVlvPhaCsersExtdIntkB1_C	1x1
DIUMPR_DFC.Fld_GEVlvPhaCsersExtdOutlB1_C	1x1
DIUMPR_DFC.Fld_GEVlvPhaDiagEnaCsersIntkB1_C	1x1
DIUMPR_DFC.Fld_GEVlvPhaDiagEnaCsersOutlB1_C	1x1
DIUMPR_DFC.Fld_GEVlvPhaDiagEnaIntkB1_C	1x1
DIUMPR_DFC.Fld_GEVlvPhaDiagEnaOutlB1_C	1x1
DIUMPR_DFC.Fld_HEGOS2B1DHtg_C	1x1
DIUMPR_DFC.Fld_InhbLamDynS1B1_C	1x1
DIUMPR_DFC.Fld_IntkAirTAirFltDsCrssChk_C	1x1
DIUMPR_DFC.Fld_IntkAirTAirFltDsPlausChk_C	1x1
DIUMPR_DFC.Fld_IntkAirTIntkMnfldCrssChk_C	1x1
DIUMPR_DFC.Fld_IntkAirTIntkMnfldPlausChk_C	1x1
DIUMPR_DFC.Fld_PEnvPlausDiagVDD_C	1x1
DIUMPR_DFC.Fld_TWCDPriCatParB1_C	1x1
DIUMPR_DFC.Fld_TrbChOffsLrnPrmsB1_C	1x1
DIUMPR_DFC.Fld_UEGOPrmntDiagS1B1_C	1x1
DIUMPR_Grp.Fld_atevps_C	1x1
DIUMPR_Grp.Fld_atevpspl_C	1x1
DIUMPR_Grp.FID_BLLRH_C	1x1
DIUMPR_Grp.FID_BLLRKH_C	1x1
DIUMPR_Grp.FID_BPLSU_C	1x1
DIUMPR_Grp.Fld_UEGOSnsrMntdRelsS1B1_C	1x1
DIUMPR_Grp.FID_BEONV_C	1x1
DIUMPR_Grp.FID_CAFIMD_C	1x1
DIUMPR_Grp.FID_CAFIMRAWD_C	1x1
DIUMPR_Grp.FID_CDSKVR_C	1x1
DIUMPR_Grp.FID_CDSTR_C	1x1
DIUMPR_Grp.FID_CETKHL_C	1x1
DIUMPR_Grp.FID_CETKHT_C	1x1
DIUMPR_Grp.FID_CGLSRDP_C	1x1
DIUMPR_Grp.FID_CHDRKH_C	1x1
DIUMPR_Grp.FID_CHFMR_C	1x1
DIUMPR_Grp.FID_CLZSRDP_C	1x1
DIUMPR_Grp.FID_CLZSRHP_C	1x1
DIUMPR_Grp.FID_CPSRP_C	1x1
DIUMPR_Grp.FID_CPVDR_C	1x1
DIUMPR_Grp.FID_CSUVRH_C	1x1
DIUMPR_Grp.FID_CSUVRP_C	1x1
DIUMPR_Grp.FID_CTESF_C	1x1
DIUMPR_Grp.FID_CTESG_C	1x1
DIUMPR_Grp.FID_CTKA_C	1x1
DIUMPR_Grp.FID_CTKACS_C	1x1
DIUMPR_Grp.FID_LDRRMN_C	1x1
DIUMPR_Grp.Fld_CEngDsTColdStrt_C	1x1
DIUMPR_Grp.Fld_CEngDsTPlaus_C	1x1
DIUMPR_Grp.Fld_CInjCatHeatgDiag_C	1x1

DIUMPR_Grp.Fld_Cj135Dummy_C	1x1
DIUMPR_Grp.Fld_Cj135PerdDiagOperEnaS1B1_C	1x1
DIUMPR_Grp.Fld_CtTMon_C	1x1
DIUMPR_Grp.Fld_EGSDUS2B1LtrDly_C	1x1
DIUMPR_Grp.Fld_EGSDUS2B1LtrPT1_C	1x1
DIUMPR_Grp.Fld_EGSDUS2B1RtlDly_C	1x1
DIUMPR_Grp.Fld_EGSDUS2B1RtlPT1_C	1x1
DIUMPR_Grp.Fld_EGSDUS2B1TarLean_C	1x1
DIUMPR_Grp.Fld_EGSDUS2B1TarRich_C	1x1
DIUMPR_Grp.Fld_EnvTMBC_C	1x1
DIUMPR_Grp.Fld_EpmCaSOfsErrCaSl1_C	1x1
DIUMPR_Grp.Fld_EpmCaSOfsErrCaSO1_C	1x1
DIUMPR_Grp.Fld_GEVlvLockPinDiagIntkB1_C	1x1
DIUMPR_Grp.Fld_GEVlvLockPinDiagOutlB1_C	1x1
DIUMPR_Grp.Fld_GEVlvPhaCsersExtdIntkB1_C	1x1
DIUMPR_Grp.Fld_GEVlvPhaCsersExtdOutlB1_C	1x1
DIUMPR_Grp.Fld_GEVlvPhaDiagEnaCsersIntkB1_C	1x1
DIUMPR_Grp.Fld_GEVlvPhaDiagEnaCsersOutlB1_C	1x1
DIUMPR_Grp.Fld_GEVlvPhaDiagEnaIntkB1_C	1x1
DIUMPR_Grp.Fld_GEVlvPhaDiagEnaOutlB1_C	1x1
DIUMPR_Grp.Fld_HEGOS2B1DHtg_C	1x1
DIUMPR_Grp.Fld_InhbLamDynS1B1_C	1x1
DIUMPR_Grp.Fld_IntkAirTAirFltDsCrssChk_C	1x1
DIUMPR_Grp.Fld_IntkAirTAirFltDsPlausChk_C	1x1
DIUMPR_Grp.Fld_IntkAirTIntkMnfldCrssChk_C	1x1
DIUMPR_Grp.Fld_IntkAirTIntkMnfldPlausChk_C	1x1
DIUMPR_Grp.Fld_PEnvPlausDiagVDD_C	1x1
DIUMPR_Grp.Fld_TWCDPriCatParB1_C	1x1
DIUMPR_Grp.Fld_TrbChOffsLrnPrmsB1_C	1x1
DIUMPR_Grp.Fld_UEGOPrmntDiagS1B1_C	1x1
maximum difference between engine and ambient air temperature for coldstart detection at ColdStart Denominator	1x1
maximum engine temperature for coldstart detection at ColdStart Denominator	1x1
Time period after engine start to delay the cold start evaluation at ColdStart Denominator	1x1
Limtation of set value as f(nmot) if B_dknot = true	8x1
threshold for number of errors knock control evaluation measuring window	1x1
threshold for number of errors knock control evaluation combustion	1x1
minimum-volume of fuel-consumed for tank plausibility check	1x1
delta engine lambda till a enleanment in scavenging mode is allowed	1x1
additional enrichment for component protection in case of an oxygen sensor error	1x1
additional enrichment for component protection in case of an camshaft error	1x1
additional enrichment for component protection in case that the temperatures modelled in ATM not valid	1x1
lower limitation of taking into account the P-component of the lambda controller downstream in fuel mixture adaptation	1x1
upper limitation of taking into account the P-component of the lambda controller downstream in fuel mixture adaptation	1x1
Threshold value for activation of mixture enrichment by driver command	1x1
max. deviation for lamnswl_w=1.0	1x1
Delta lambda at overboost	6x1
delta lambda threshold for switch over from lean to rich component protection	1x1
deactivation of calculation algorithmus of engine lambda in case of scavenging	1x1
max. control error for CLC switch-off after fuel cut-off	1x1
Maximum limit of actuator for exhaust gas temperature feedback control	1x1
minimum limit exhaust temperature controller	1x1
Delta lambda component protection, gear-dependent	8x1
Delta lambda component protection, engine temperature dependent	6x1
Delta lambda component protection, vehicle speed dependent	6x1
Threshold for difference between desired and actual boost pressure to switch to other filter for desired boost pressure	1x1
difference to upper limit of low pass filtered boost control deviation, which leads to healing of min error E_ldr	1x1
upper limit for low pass filtered boost control deviation	1x1
gradient based error threshold	1x1
delta-load for overload protection-reset	1x1
Engine roughness reference corr. value at cat heating in 1. interval	6x1
speed dependensy of engine roughness referenz minimum value 1	8x1
Number of working cycles for condition continous misfire	1x1
Air condition torque demand threshold for alternate identification of misfireing cylinders	1x1
Temperature threshold for activation of alternate identification of misfireing cylinders	1x1
Time after start threshold for activation of alternate identification of misfireing cylinders	1x1
Vehicle speed threshold for activation of alternate identification of misfireing cylinders	1x1
Factor for dlurs reduction	1x1
Factor for detection of multiple asymmetric misfire pattern	1x1
maximum torque threshold when PAT alogorithm is enabled (SY_DMDPAT == 1)	1x1
Lower torque threshold for deactivation of alternate identification of misfireing cylinders	1x1
Upper torque threshold for activation of alternate identification of misfireing cylinders	1x1
Upper engine speed threshold for deactivation of alternate identification of misfireing cylinders	1x1
Lower engine speed threshold for activation of alternate identification of misfireing cylinders	1x1
Upper Torquethreshold for activation of the alternate cylinder identification	1x1
Lower Torquethreshold for activation of the alternate cylinder identification	1x1
Upper engine speed threshold for activation of the alternate cylinder identification	1x1
Lower engine speed threshold for activation of the alternate cylinder identification	1x1
threshold for scavenging rate to deactivate fuel-on adaptation	1x1
Segment length for misfire detection	1x1
Segment length for misfire detection at catalyst heating	1x1
Disable all calibration methods but overlay for minimizing runtime influences of calibration if value is not equal zero.	1x1
Delta torque for abrupt termination of an operating mode	1x1
delta mibmn_w for operation mode switching	1x1
delta mibmx_w for operation mode switching	1x1
Delta torque as hysteresis for release of an operating mode	1x1
Delta torque as low hysteresis for release of the HSP operating mode	1x1
delta minimum torque for switching to homogeneous mode	1x1
wide delta fpr maximum torque in new operating mode HSP	1x1
maximum delta torque above loss torque for ORA adaptation (at higher load)	1x1
limitation of max. allowed scavenging air mass which can be take part at the reaction inside the catalyst	1x1
minimal slope in case of increasing the limited torque	1x1
general torque margin quick trip	1x1
Reduction rate for increased torque reserve during rear window heating	1x1
LLR: reduction rate for increased torque reserve	1x1
Increment to reduce the torque reserve for undervoltage	1x1
Increment of control factor of torque limitation due to engine temperature	1x1
Delta Massflow for MAF signal variation check	1x1
Minimum deviation of CPV mass flow for tank leakage diagnosis	1x1
Minimum PCV differential mass flow for incremental check of tank pressure sensor	1x1

Minimum PCV differential mass flow for incremental check of tank pressure sensor	1x1
Delta tolerance relative air charge intake manifold to exhaust manifold	3x1
variation limit for max. reduction of engine roughness reference value dlur	1x1
limitation for max. reduction of the filter engine roughness reference values	1x1
minimum engine-speed difference for acckn. combustion	1x1
Maximal speed deviation (low speed) for diagnosis of idle speed control	1x1
Maximal speed deviation (low speed) for diagnosis of idle speed control during catalyst heating	1x1
Maximal speed deviation (high speed) for diagnosis of idle speed control	1x1
Maximal speed deviation (high speed) for diagnosis of idle speed control during catalyst heating	1x1
Delta n on idle speed while GSH is active.	1x1
LLR: dn threshold for increasing the torque reserve at idle	1x1
Delta engine speed for abrupt termination of an operating mode	1x1
Exceeding of the engine speed limit leading to fuel cut-off in all cylinders	1x1
Exceeding of the engine speed limit leading to fuel cut-off in all cylinders	1x1
Delta engine speed as hysteresis for release of an operating mode	1x1
threshold for difference between the engine speed and the nominal idle engine speed for catalyst heating	1x1
Nominal engine speed idling amplitude	1x1
threshold for engine speed difference during catalyst heating phase	1x1
threshold for dns to deactivate speed tracking	1x1
Delta n overrun cut-off high with reference to n reinstatement	1x1
Delta n overrun cut-off low with reference to n reinstatement	1x1
Delta n overrun cut-off high with reference to n reinstatement at idle	1x1
Deviation of maximum and actual engine speed for switch-off rpm control	1x1
Overrun cut-off hysteresis for reinstatement at idle	1x1
speed threashold of nsol-limitation in start	1x1
Offset to determine the upper limit of target speed	1x1
delta engine speed without ignition angle intervention	9x1
Threshold for difference between actual and old leakage air massflow throttle valve	1x1
Curve: Normalised mass flow upper threshold correction due to big leakage into intake manifold	5x1
deadtime/gradient time constant	1x1
deadtimegradient threshold for detection drive off	4x1
Feedback gain model speed deviation drive-off	1x1
Factor against overspeed	1x1
Factor for ramping at end of intervention	3x1
Filter constant of Clutch position average	1x1
integrator gain drive-off	2x1
drive-off torque for set path	3x1
gain of drive off governor	3x1
engine speed deviation drive-off support for drive off condition	2x1
Maximal engine speed for calculation of drive-off model	1x1
absolute maximum overspeed offset	3x1
relative maximum overspeed	4x1
absolute offset against overspeed	3x1
reactivation for overshootfunction under engine speed	3x1
Correction of the average value of the clutch position	3x1
Difference of Clutch position from average for widening thresholds	1x1
Upper threshold for the enlargement algorithm for the clutch position	1x1
Lower threshold for the enlargement algorithm for the clutch position	1x1
Stepsize for narrowing the clutch thresholds	1x1
Stepsize for widening the clutch thresholds	1x1
configuration label 2 of drive-off controll	1x1
configuration label of drive-off controller	1x1
DT1 time constant for accessories	1x1
Maximum intervention time for drive off process	1x1
drive-off controller torque reserve activation time	1x1
PT1 time constant for filtering actual torque	1x1
Threshold for drive-off detection when catalyst heating is active	1x1
Threshold for drive-off detection unsteady	1x1
Threshold for drive-off detection	1x1
Threshold for Debounce level lead path	1x1
Threshold for Debounce level set path	1x1
absolute maximum torque for monitoring	3x4
offset for fade out of maximal delta torque memory of drive-off controller	1x1
minimum for drive-off reserve	3x1
offset for deramp of drive-off controller torque reserve	1x1
gradient off switch-off ramp	3x1
activation threshold for instationary mode	1x1
Vehicle speed threshold for deactivation drive-off support	1x1
Vehicle speed threshold for activation drive-off support	1x1
factor for additive correction of the mixture adaptation at start of drive cycle	1x1
Delta-ORA for setting of ""ORA-stable"" when diagnosis-threshold is reached	1x1
delta-ORA for setting of ""ORA stable	1x1
Time delay for T15 on	1x1
Offset on upper limit of effective exhaust gas backpressure for charge models	1x1
Offset on lower limit of effective exhaust gas backpressure for charge models	1x1
difference pressure of break booster constant	1x1
difference bt. brakebooster- and manifold-pressure for calculation of massflow from brakebooster into intake manifold	1x1
Minimum delta pbrint due to model tolerances	1x1
Maximum delta pbrint due to model tolerances	1x1
pressure changing for detection of responding tank pressure sensor	1x1
pressure changing for detection of responding tank pressure sensor	1x1
pressure changing for detection of responding tank pressure sensor	1x1
pressure delta for release of hysteresis for activation of boost control	1x1
minimum tank pressure difference for plausibility error detection (Word)	1x1
Delta pressure offset of the straight line dump valve surely open	1x1
pressure difference for check of tank pressure minimum	1x1
Pressure loss caused by HDP	1x1
pressure difference for abort of diagnosis at fuel condensation	1x1
max pressure loss at air filter for diagnosis of pressure upstream throttle	1x1
Threshold for Change of Pressure deviation for linearisation check for tank leakage diagnosis	1x1
drop in pressure at intercooler depending on air mass flow	8x1
Perm. pressure delta between dpsfg and dpsfdhf_w (via throttle valve tolerances)	1x1
delta pslm-psdss threshold for detection fkfupsrl steady state	1x1
delta pslm-psdss threshold for detection ofpbrint steady state	1x1
delta pslm-psdss threshold for detection ofpbrint steady state	1x1
difference modelled to measured manifold pressure death zone factor	1x1
difference modelled to measured manifold pressure death zone offset	1x1
offset on desired pressure downstream compressor for shifting the normal position of the tolerances from precontrol	1x1
minimla delta pressure for HDP	1x1
Difference of start pressure vs. measured value; threshold	1x1

Difference of start pressure vs. measured value; threshold-hysteresis	1x1
Delta pressure for switching to normal MSV feed forward control angle during engine start	1x1
Tolerance band in which healing can take place	1x1
Tolerance band in which healing can take place (function demand)	1x1
Delta Intakemanifold pressure to ambient pressure during start	1x1
Maximum offset target intake manifold pressure for immediate reset of WOT	1x1
difference between actual and desired manifold pressure for enable WOT of throttle blade	1x1
lower limit for signal-variation-check	1x1
Delta pressure offset of the straight line dump valve surely open	1x1
Delta pressure offset of the straight line dump valve surely closed	1x1
Delta pressure offset of the straight line dump valve potentially open	1x1
Delta pressure offset of the straight line dump valve potentially closed	1x1
Index of the observed output stage (in case of diagnosis problem)	1x1
upper threshold for start of diagnose	1x1
lower threshold for start of diagnose	1x1
positive pressure threshold for refuelling detection	1x1
pressure difference during PCV-shot	1x1
threshold for band pass filtered pressure for detection of opened filler cap	1x1
threshold for band pass filtered pressure for refuelling detection	1x1
threshold for detection that pressure obtain target pressure	1x1
max tolerances of manifold pressure sensor	1x1
max tolerances of manifold pressure sensor	1x1
lower tolerance limit of pressure upstream of throttle	1x1
upper tolerance limit of pressure upstream of throttle	1x1
upper tolerance limit of pressure upstream of throttle	1x1
Hysteresis f. puslation thresh. over.recirc.valve diag. f. turbot	1x1
tolerances between psini_w and ambient pressure	1x1
min pressure after air filter	8x1
Delta modelled pressure upstream throtthle from ambient pressure and measured pressure upstream throttle	1x1
TKU-tolerance incl. temperature dependance of environment-pressure-sensor + delta for robustness	1x1
delta to base boost pressure to activate boost control below base boost pressure	1x1
delta on base boost pressure for calibratin tolerances of the boost pressure actuator	1x1
dead zone for calculation of boost pressure gradient	1x1
limitation of boost pressure gradient	1x1
Difference between pvds_w and plufmn_w which the boost control is approved	1x1
Difference between basic boost pressure and ambient pressure with open dump valve	4x1
Threshold control error below which the additional power for turbine is switched off	1x1
Difference between the actual desired boost pressure and the preceeding desired boost pressure	1x1
Upper threshold of the absolut value of the derivative of the desired boost pressure	1x1
Lower threshold of the absolut value of the derivative of the desired boost pressure	1x1
Threshold control error above which additional power for turbine can be requested	1x1
minimum difference (max. boost pressure - base boost pressure)	1x1
Switch to clear, measure or disable recording of data.	1x1
Switch to clear, measure or disable recording of data.	1x1
Calibration to clear the recorded data of the drive recorder	1x1
Switch to clear, measure or disable recording of data.	1x1
Current trigger mode sect by calibration(For testing)	1x1
DCTID list for Bad Engine start measurement blocks	5x1
DCTID of snapshot and singleshot record in drive recorder	14x1
DCTID list for Engine stall measurement blocks	5x1
System identifier for diesel ecu	1x1
Calibration array for bank 0 block 0 recording	46x1
Calibration array for bank 0 block 1 recording	8x1
Calibration array for bank 0 block 2 recording	48x1
Calibration array for bank 0 block 3 recording	31x1
Calibration array for bank 0 block 4 recording	6x1
Calibration array for bank 0 block 5 recording	4x1
Calibration array for bank 0 block 6 recording	4x1
Calibration array for bank 0 block 7 recording	1x1
Calibration array for bank 0 block 8 recording	15x1
Calibration array for bank 0 block 9 recording	2x1
Calibration array for bank 0 block 10 recording	42x1
Calibration array for bank 0 block 11 recording	42x1
Calibration array for bank 0 block 12 recording	42x1
Calibration array for bank 0 block 13 recording	42x1
Calibration array for bank 1 block 0 recording	8x1
Calibration array for bank 1 block 1 recording	29x1
Calibration array for bank 1 block 4 recording	1x1
Calibration array for bank 2 block 0 recording	17x1
Calibration array for bank 2 block 1 recording	27x1
Calibration array for bank 2 block 2 recording	8x1
Calibration array for bank 2 block 3 recording	4x1
Calibration array for bank 2 block 4 recording	1x1
Calibration to decide drive recorder action in case of non volatile memory error	1x1
Calibration to decide drive recorder action in case of non volatile memory error	1x1
Calibration to enable clearing of drive recorder data in case of memory error	1x1
Calibration to decide drive recorder action in case of non volatile memory error	1x1
Calibration to controll recording condition in DRIVE recorder	1x1
Calibration to control trigger condition in DRIVE recorder	1x1
Switch position	1x1
Delay timer after engine running	1x1
Bad engine start timer duration	10x1
Minimum Vehicle speed condition for Engine stall to occur	1x1
min. delta between rlsol and rl for inclusion in charge controller calculation	2x1
max. delta between rlsol and rl for inclusion in charge controller calculation	2x1
switch off delay for minimum air charge for hom.split injection for cat	1x1
Delta air charge as hysteresis for release of an operating mode	1x1
Delta current air charge as hysteresis for release of an operating mode	1x1
Hysteresis for condition minimal achievable torque	1x1
delta-rlminhsp for switching release to HSP	4x1
Distance rlsol - rl which implies faster reduction of maximum air charge by component protection	1x1
Limit for steady delta of rl and rlp from monitoring	1x1
delta rl for rlp - lower limit	1x1
delta-rl-rlsol to recognize dynamic operation	1x1
delta-rl-rlsol for HOM switch	1x1
threshold delta rlsol for Medianfilter	1x1
Misfire Detection : load-dynamic threshold for deactivation after engine start	1x1
delta-rl-rlsol to recognize steady state condition	1x1
delta-rl to recognize steady state condition	1x1

Delta hyteresis for the minimum air filling at the idle speed	1x1
DSCHED_AsgnCheck.FID_AFRA_C	1x1
DSCHED_AsgnCheck.FID_AORA_C	1x1
DSCHED_AsgnCheck.FID_ATEH_C	1x1
DSCHED_AsgnCheck.FID_ATEL_C	1x1
DSCHED_AsgnCheck.FID_ATEN_C	1x1
DSCHED_AsgnCheck.FID_ATLDI_C	1x1
DSCHED_AsgnCheck.FID_ATLDO_C	1x1
DSCHED_AsgnCheck.FId_CoSchedCILCN_C	1x1
DSCHED_AsgnCheck.FId_InhibitAlways_C	1x1
DSCHED_AsgnCheck.FId_atevps_C	1x1
DSCHED_AsgnCheck.FId_atevpspl_C	1x1
DSCHED_AsgnCheck.FId_atevtrqreq_C	1x1
DSCHED_AsgnCheck.FID_BFVDFRM_C	1x1
DSCHED_AsgnCheck.FID_BHOM_C	1x1
DSCHED_AsgnCheck.FID_BLLRH_C	1x1
DSCHED_AsgnCheck.FID_BLLRKH_C	1x1
DSCHED_AsgnCheck.FID_BPLSU_C	1x1
DSCHED_AsgnCheck.FId_CJ135RvsChrgMeasS1B1_C	1x1
DSCHED_AsgnCheck.FId_DSMBDEPHSpOpMode_C	1x1
DSCHED_AsgnCheck.FId_EGSDCmnSeg1B1Parl_C	1x1
DSCHED_AsgnCheck.FId_UEGOSnsrMntdRelsS1B1_C	1x1
DSCHED_AsgnCheck.FId_bascadpncvo_C	1x1
DSCHED_BsPrio.FID_AFRA_C	1x1
DSCHED_BsPrio.FID_AORA_C	1x1
DSCHED_BsPrio.FID_ATEH_C	1x1
DSCHED_BsPrio.FID_ATEL_C	1x1
DSCHED_BsPrio.FID_ATEN_C	1x1
DSCHED_BsPrio.FID_ATLDI_C	1x1
DSCHED_BsPrio.FID_ATLDO_C	1x1
DSCHED_BsPrio.FId_CoSchedCILCN_C	1x1
DSCHED_BsPrio.FId_InhibitAlways_C	1x1
DSCHED_BsPrio.FId_atevps_C	1x1
DSCHED_BsPrio.FId_atevpspl_C	1x1
DSCHED_BsPrio.FId_atevtrqreq_C	1x1
DSCHED_BsPrio.FID_BFVDFRM_C	1x1
DSCHED_BsPrio.FID_BHOM_C	1x1
DSCHED_BsPrio.FID_BLLRH_C	1x1
DSCHED_BsPrio.FID_BLLRKH_C	1x1
DSCHED_BsPrio.FID_BPLSU_C	1x1
DSCHED_BsPrio.FId_CJ135RvsChrgMeasS1B1_C	1x1
DSCHED_BsPrio.FId_DSMBDEPHSpOpMode_C	1x1
DSCHED_BsPrio.FId_EGSDCmnSeg1B1Parl_C	1x1
DSCHED_BsPrio.FId_UEGOSnsrMntdRelsS1B1_C	1x1
DSCHED_BsPrio.FId_bascadpncvo_C	1x1
DSCHED_Excl.AFRA_AORA_C	1x1
DSCHED_Excl.AFRA_ATEH_C	1x1
DSCHED_Excl.AFRA_ATEL_C	1x1
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DSCHED_Excl.AFRA_ATLDO_C	1x1
DSCHED_Excl.AFRA_CoSchedCILCN_C	1x1
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DSCHED_Excl.AFRA_atevpspl_C	1x1
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DSCHED_Excl.AFRA_BHOM_C	1x1
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DSCHED_Excl.AFRA_BLLRKH_C	1x1
DSCHED_Excl.AFRA_BPLSU_C	1x1
DSCHED_Excl.AFRA_CJ135RvsChrgMeasS1B1_C	1x1
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DSCHED_Excl.AFRA_EGSDCmnSeg1B1Parl_C	1x1
DSCHED_Excl.AFRA_UEGOSnsrMntdRelsS1B1_C	1x1
DSCHED_Excl.AFRA_bascadpncvo_C	1x1
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DSCHED_Excl.AORA_atevpspl_C	1x1
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DSCHED_Excl.AORA_BFVDFRM_C	1x1
DSCHED_Excl.AORA_BHOM_C	1x1
DSCHED_Excl.AORA_BLLRH_C	1x1
DSCHED_Excl.AORA_BLLRKH_C	1x1
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DSCHED_Excl.AORA_UEGOSnsrMntdRelsS1B1_C	1x1
DSCHED_Excl.AORA_bascadpncvo_C	1x1
DSCHED_Excl.ATEH_ATEL_C	1x1
DSCHED_Excl.ATEH_ATEN_C	1x1
DSCHED_Excl.ATEH_ATLDI_C	1x1
DSCHED_Excl.ATEH_ATLDO_C	1x1
DSCHED_Excl.ATEH_CoSchedCILCN_C	1x1
DSCHED_Excl.ATEH_InhibitAlways_C	1x1
DSCHED_Excl.ATEH_atevps_C	1x1
DSCHED_Excl.ATEH_atevpspl_C	1x1
DSCHED_Excl.ATEH_atevtrqreq_C	1x1
DSCHED_Excl.ATEH_BFVDFRM_C	1x1
DSCHED_Excl.ATEH_BHOM_C	1x1
DSCHED_Excl.ATEH_BLLRH_C	1x1
DSCHED_Excl.ATEH_BLLRKH_C	1x1

DSCHED_Excl.ATEH_BPLSU_C	1x1
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DSCHED_Excl.ATEH_DSMBDEPHSpOpMode_C	1x1
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DSCHED_Excl.ATEH_bascadpncvo_C	1x1
DSCHED_Excl.ATEL_ATEN_C	1x1
DSCHED_Excl.ATEL_ATLDI_C	1x1
DSCHED_Excl.ATEL_ATLDO_C	1x1
DSCHED_Excl.ATEL_CoSchedCILCN_C	1x1
DSCHED_Excl.ATEL_InhibitAlways_C	1x1
DSCHED_Excl.ATEL_atevps_C	1x1
DSCHED_Excl.ATEL_atevpspl_C	1x1
DSCHED_Excl.ATEL_atevtrqreq_C	1x1
DSCHED_Excl.ATEL_BFVDFRM_C	1x1
DSCHED_Excl.ATEL_BHOM_C	1x1
DSCHED_Excl.ATEL_BLLRH_C	1x1
DSCHED_Excl.ATEL_BLLRKH_C	1x1
DSCHED_Excl.ATEL_BPLSU_C	1x1
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DSCHED_Excl.ATEL_DSMBDEPHSpOpMode_C	1x1
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DSCHED_Excl.ATEL_UEGOSnsrMntdRelsS1B1_C	1x1
DSCHED_Excl.ATEL_bascadpncvo_C	1x1
DSCHED_Excl.ATEN_ATLDI_C	1x1
DSCHED_Excl.ATEN_ATLDO_C	1x1
DSCHED_Excl.ATEN_CoSchedCILCN_C	1x1
DSCHED_Excl.ATEN_InhibitAlways_C	1x1
DSCHED_Excl.ATEN_atevps_C	1x1
DSCHED_Excl.ATEN_atevpspl_C	1x1
DSCHED_Excl.ATEN_atevtrqreq_C	1x1
DSCHED_Excl.ATEN_BFVDFRM_C	1x1
DSCHED_Excl.ATEN_BHOM_C	1x1
DSCHED_Excl.ATEN_BLLRH_C	1x1
DSCHED_Excl.ATEN_BLLRKH_C	1x1
DSCHED_Excl.ATEN_BPLSU_C	1x1
DSCHED_Excl.ATEN_CJ135RvsChrgMeasS1B1_C	1x1
DSCHED_Excl.ATEN_DSMBDEPHSpOpMode_C	1x1
DSCHED_Excl.ATEN_EGSDCmnSeg1B1Parl_C	1x1
DSCHED_Excl.ATEN_UEGOSnsrMntdRelsS1B1_C	1x1
DSCHED_Excl.ATEN_bascadpncvo_C	1x1
DSCHED_Excl.ATLDI_ATLDO_C	1x1
DSCHED_Excl.ATLDI_CoSchedCILCN_C	1x1
DSCHED_Excl.ATLDI_InhibitAlways_C	1x1
DSCHED_Excl.ATLDI_atevps_C	1x1
DSCHED_Excl.ATLDI_atevpspl_C	1x1
DSCHED_Excl.ATLDI_atevtrqreq_C	1x1
DSCHED_Excl.ATLDI_BFVDFRM_C	1x1
DSCHED_Excl.ATLDI_BHOM_C	1x1
DSCHED_Excl.ATLDI_BLLRH_C	1x1
DSCHED_Excl.ATLDI_BLLRKH_C	1x1
DSCHED_Excl.ATLDI_BLLRH_C	1x1
DSCHED_Excl.ATLDI_BLLRKH_C	1x1
DSCHED_Excl.ATLDI_BPLSU_C	1x1
DSCHED_Excl.ATLDI_CJ135RvsChrgMeasS1B1_C	1x1
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DSCHED_Excl.ATLDI_bascadpncvo_C	1x1
DSCHED_Excl.ATLDO_CoSchedCILCN_C	1x1
DSCHED_Excl.ATLDO_InhibitAlways_C	1x1
DSCHED_Excl.ATLDO_atevps_C	1x1
DSCHED_Excl.ATLDO_atevpspl_C	1x1
DSCHED_Excl.ATLDO_atevtrqreq_C	1x1
DSCHED_Excl.ATLDO_BFVDFRM_C	1x1
DSCHED_Excl.ATLDO_BHOM_C	1x1
DSCHED_Excl.ATLDO_BLLRH_C	1x1
DSCHED_Excl.ATLDO_BLLRKH_C	1x1
DSCHED_Excl.ATLDO_BPLSU_C	1x1
DSCHED_Excl.ATLDO_CJ135RvsChrgMeasS1B1_C	1x1
DSCHED_Excl.ATLDO_DSMBDEPHSpOpMode_C	1x1
DSCHED_Excl.ATLDO_EGSDCmnSeg1B1Parl_C	1x1
DSCHED_Excl.ATLDO_UEGOSnsrMntdRelsS1B1_C	1x1
DSCHED_Excl.ATLDO_bascadpncvo_C	1x1
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DSCHED_Excl.CoSchedCILCN_atevps_C	1x1
DSCHED_Excl.CoSchedCILCN_atevpspl_C	1x1
DSCHED_Excl.CoSchedCILCN_atevtrqreq_C	1x1
DSCHED_Excl.CoSchedCILCN_BFVDFRM_C	1x1
DSCHED_Excl.CoSchedCILCN_BHOM_C	1x1
DSCHED_Excl.CoSchedCILCN_BLLRH_C	1x1
DSCHED_Excl.CoSchedCILCN_BLLRKH_C	1x1
DSCHED_Excl.CoSchedCILCN_BPLSU_C	1x1
DSCHED_Excl.CoSchedCILCN_CJ135RvsChrgMeasS1B1_C	1x1
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DSCHED_Excl.InhibitAlways_atevps_C	1x1
DSCHED_Excl.InhibitAlways_atevpspl_C	1x1
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DSCHED_Excl.InhibitAlways_BFVDFRM_C	1x1
DSCHED_Excl.InhibitAlways_BHOM_C	1x1
DSCHED_Excl.InhibitAlways_BLLRH_C	1x1
DSCHED_Excl.InhibitAlways_BLLRKH_C	1x1
DSCHED_Excl.InhibitAlways_BPLSU_C	1x1
DSCHED_Excl.InhibitAlways_CJ135RvsChrgMeasS1B1_C	1x1
DSCHED_Excl.InhibitAlways_DSMBDEPHSpOpMode_C	1x1
DSCHED_Excl.InhibitAlways_EGSDCmnSeg1B1Parl_C	1x1
DSCHED_Excl.InhibitAlways_UEGOSnsrMntdRelsS1B1_C	1x1
DSCHED_Excl.InhibitAlways_bascadpncvo_C	1x1

DSCHED_Excl.atevps_atevpspl_C	1x1
DSCHED_Excl.atevps_atevtrqreq_C	1x1
DSCHED_Excl.atevps_BFVDFRM_C	1x1
DSCHED_Excl.atevps_BHOM_C	1x1
DSCHED_Excl.atevps_BLLRH_C	1x1
DSCHED_Excl.atevps_BLLRKH_C	1x1
DSCHED_Excl.atevps_BPLSU_C	1x1
DSCHED_Excl.atevps_CJ135RvsChrgMeasS1B1_C	1x1
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DSCHED_Excl.atevtrqreq_CJ135RvsChrgMeasS1B1_C	1x1
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DSCHED_Excl.UEGOSnsrMntdRelsS1B1_bascadpncvo_C	1x1
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DSCHED_FacPhys.FID_AORA_C	1x1
DSCHED_FacPhys.FID_ATEH_C	1x1
DSCHED_FacPhys.FID_ATEL_C	1x1
DSCHED_FacPhys.FID_ATEN_C	1x1
DSCHED_FacPhys.FID_ATLDI_C	1x1
DSCHED_FacPhys.FID_ATLDO_C	1x1
DSCHED_FacPhys.FId_CoSchedCILCN_C	1x1
DSCHED_FacPhys.FId_InhibitAlways_C	1x1
DSCHED_FacPhys.FId_atevps_C	1x1
DSCHED_FacPhys.FId_atevpspl_C	1x1
DSCHED_FacPhys.FId_atevtrqreq_C	1x1
DSCHED_FacPhys.FID_BFVDFRM_C	1x1
DSCHED_FacPhys.FID_BHOM_C	1x1
DSCHED_FacPhys.FID_BLLRH_C	1x1
DSCHED_FacPhys.FID_BLLRKH_C	1x1
DSCHED_FacPhys.FID_BPLSU_C	1x1
DSCHED_FacPhys.FId_CJ135RvsChrgMeasS1B1_C	1x1
DSCHED_FacPhys.FId_DSMBDEPHSpOpMode_C	1x1
DSCHED_FacPhys.FId_EGSDCmnSeg1B1Parl_C	1x1
DSCHED_FacPhys.FId_UEGOSnsrMntdRelsS1B1_C	1x1

DSCHED_FacPhys.Fld_bascadpncvo_C	1x1
DSCHED_JmpActvPrio.FID_AFRA_C	1x1
DSCHED_JmpActvPrio.FID_AORA_C	1x1
DSCHED_JmpActvPrio.FID_ATEH_C	1x1
DSCHED_JmpActvPrio.FID_ATEL_C	1x1
DSCHED_JmpActvPrio.FID_ATEN_C	1x1
DSCHED_JmpActvPrio.FID_ATLDI_C	1x1
DSCHED_JmpActvPrio.FID_ATLDO_C	1x1
DSCHED_JmpActvPrio.Fld_CoSchedCILCN_C	1x1
DSCHED_JmpActvPrio.Fld_InhibitAlways_C	1x1
DSCHED_JmpActvPrio.Fld_atevps_C	1x1
DSCHED_JmpActvPrio.Fld_atevpspl_C	1x1
DSCHED_JmpActvPrio.Fld_atevtrqreq_C	1x1
DSCHED_JmpActvPrio.FID_BFVDFRM_C	1x1
DSCHED_JmpActvPrio.FID_BHOM_C	1x1
DSCHED_JmpActvPrio.FID_BLLRH_C	1x1
DSCHED_JmpActvPrio.FID_BLLRKH_C	1x1
DSCHED_JmpActvPrio.FID_BPLSU_C	1x1
DSCHED_JmpActvPrio.Fld_CJ135RvsChrgMeasS1B1_C	1x1
DSCHED_JmpActvPrio.Fld_DSMBDEPHSpOpMode_C	1x1
DSCHED_JmpActvPrio.Fld_EGSDCmnSeg1B1Parl_C	1x1
DSCHED_JmpActvPrio.Fld_UEGOSnsrMntdRelsS1B1_C	1x1
DSCHED_JmpActvPrio.Fld_bascadpncvo_C	1x1
DSCHED_LimPrio.FID_AFRA_C	1x1
DSCHED_LimPrio.FID_AORA_C	1x1
DSCHED_LimPrio.FID_ATEH_C	1x1
DSCHED_LimPrio.FID_ATEL_C	1x1
DSCHED_LimPrio.FID_ATEN_C	1x1
DSCHED_LimPrio.FID_ATLDI_C	1x1
DSCHED_LimPrio.FID_ATLDO_C	1x1
DSCHED_LimPrio.Fld_CoSchedCILCN_C	1x1
DSCHED_LimPrio.Fld_InhibitAlways_C	1x1
DSCHED_LimPrio.Fld_atevps_C	1x1
DSCHED_LimPrio.Fld_atevpspl_C	1x1
DSCHED_LimPrio.Fld_atevtrqreq_C	1x1
DSCHED_LimPrio.FID_BFVDFRM_C	1x1
DSCHED_LimPrio.FID_BHOM_C	1x1
DSCHED_LimPrio.FID_BLLRH_C	1x1
DSCHED_LimPrio.FID_BLLRKH_C	1x1
DSCHED_LimPrio.FID_BPLSU_C	1x1
DSCHED_LimPrio.Fld_CJ135RvsChrgMeasS1B1_C	1x1
DSCHED_LimPrio.Fld_DSMBDEPHSpOpMode_C	1x1
DSCHED_LimPrio.Fld_EGSDCmnSeg1B1Parl_C	1x1
DSCHED_LimPrio.Fld_UEGOSnsrMntdRelsS1B1_C	1x1
DSCHED_LimPrio.Fld_bascadpncvo_C	1x1
DSCHED_OpModeMsk.FID_AFRA_C	1x1
DSCHED_OpModeMsk.FID_AORA_C	1x1
DSCHED_OpModeMsk.FID_ATEH_C	1x1
DSCHED_OpModeMsk.FID_ATEL_C	1x1
DSCHED_OpModeMsk.FID_ATEN_C	1x1
DSCHED_OpModeMsk.FID_ATLDI_C	1x1
DSCHED_OpModeMsk.FID_ATLDO_C	1x1
DSCHED_OpModeMsk.Fld_CoSchedCILCN_C	1x1
DSCHED_OpModeMsk.Fld_InhibitAlways_C	1x1
DSCHED_OpModeMsk.Fld_atevps_C	1x1
DSCHED_OpModeMsk.Fld_atevpspl_C	1x1
DSCHED_OpModeMsk.Fld_atevtrqreq_C	1x1
DSCHED_OpModeMsk.FID_BFVDFRM_C	1x1
DSCHED_OpModeMsk.FID_BHOM_C	1x1
DSCHED_OpModeMsk.FID_BLLRH_C	1x1
DSCHED_OpModeMsk.FID_BLLRKH_C	1x1
DSCHED_OpModeMsk.FID_BPLSU_C	1x1
DSCHED_OpModeMsk.Fld_CJ135RvsChrgMeasS1B1_C	1x1
DSCHED_OpModeMsk.Fld_DSMBDEPHSpOpMode_C	1x1
DSCHED_OpModeMsk.Fld_EGSDCmnSeg1B1Parl_C	1x1
DSCHED_OpModeMsk.Fld_UEGOSnsrMntdRelsS1B1_C	1x1
DSCHED_OpModeMsk.Fld_bascadpncvo_C	1x1
Central disable switch for all scheduled FIDs (disabled if set to 0)	1x1
Default request value for operation mode coordinator during disable state (DSCHED_stMode_C = 0)	1x1
Jump Priority Operation Mode (additional priority if operation mode is compatible to possible operation modes)	1x1
Increase Priority on not tested (additional priority if tested flag is not set)	1x1
delay time to recognize cold soak	1x1
minimum temperature raise for warm up cycle detection	1x1
Number of items to be scanned additionally per scan cycle in state FastScan (DIUMPR)	1x1
Number of items to be scanned additionally per scan cycle in state FastScan (DIUMPR)	1x1
Switch to enable DSM ISS ENVRAM store feature (1= enable, 0=disable)	1x1
Switch to enable DSM ISS ENVRAM store feature (1= enable, 0=disable)	1x1
Timeout value after that DSM ISS ENVRAM Shadow is stored if no consistency reached	1x1
minimum temperature for warm up cycle detection	1x1
clear mode for clear trigger	1x1
clear trigger to delete diagnostic information	1x1
increment quantization for travelled distance counter	1x1
increment quantization for operation time counter	1x1
DSMDur_xEnaGlb_CA	1x1
DSMDur_xRstGlb_CA	1x1
DSMDur_xSelEvntGlb_CA	1x1
Fault checks for readiness calculation / Component group fuel system monitoring	21x1
Fault checks for readiness calculation / Component group fuel system monitoring	21x1
Fault checks for readiness calculation / Component group catalyst monitoring	15x1
Fault checks for readiness calculation / Component group catalyst monitoring	15x1
Fault checks for readiness calculation / Component group heated catalyst monitoring	15x1
Fault checks for readiness calculation / Component group heated catalyst monitoring	15x1
Fault checks for readiness calculation / Component group evaporative system monitoring	15x1
Fault checks for readiness calculation / Component group evaporative system monitoring	15x1
Fault checks for readiness calculation / Component group secondary air system monitoring	15x1
Fault checks for readiness calculation / Component group secondary air system monitoring	15x1
Fault checks for readiness calculation / Component group oxygen sensor monitoring	23x1
Fault checks for readiness calculation / Component group oxygen sensor monitoring	23x1
Fault checks for readiness calculation / Component group oxygen sensor heater monitoring	15x1

Fault checks for readiness calculation / Component group oxygen sensor heater monitoring	15x1
Fault checks for readiness calculation / Component group EGR system monitoring	15x1
Fault checks for readiness calculation / Component group EGR system monitoring	15x1
DSMRdy_X.PID1ForceLowMsk_C	1x1
DSMRdy_X.PID1ForceHighMsk_C	1x1
DSMRdy_X.PID41ForceLowMsk_C	1x1
DSMRdy_X.PID41ForceHighMsk_C	1x1
Left value of hysteresis threshold for resetting the voltage disable condition (high voltage).	1x1
Right value of hysteresis threshold for resetting the voltage disable condition (high voltage).	1x1
Left value of hysteresis threshold for resetting the voltage disable condition (low voltage).	1x1
Right value of hysteresis threshold for resetting the voltage disable condition (low voltage).	1x1
switch between twp different Variants	1x1
switch between twp different Variants	1x1
switch between twp different Variants	1x1
switch between twp different Variants	1x1
gradient for manifold pressure sensor	1x1
offset for manifold pressure sensor	1x1
minimum value for transportation distance in delay-time block	1x1
gradient for conversion voltage -> pressure of tank pressure sensor	1x1
offset for conversion voltage -> pressure of tank pressure sensor	1x1
gradient for pressure sensor upstream throttle valve	1x1
offset for pressure sensor upstream throttle valve	1x1
delta delay time for condition adaption fkpvdk not in steady-state	1x1
Delta tans for stopping hot idling	1x1
Debouncing time fault detection temperature radiator output	1x1
Delay delta for condition adaptation of ofmsndk no longer steady	1x1
temperature delta between tmot and combustion chamber wall during engine stop	1x1
Low differential value for the detection of a coldstart error.	1x1
High differential value for the detection of a coldstart error.	1x1
Low differential value for the detection of a coldstart errorr (TFA1 sensor).	1x1
Obere Schwelle zur Detektion einer Kaltstart Fehler (TFA1 sensor).	1x1
Low differential value for the detection of a coldstart errorr (TFA2 sensor).	1x1
Obere Schwelle zur Detektion einer Kaltstart Fehler (TFA2 sensor).	1x1
Delta temperature of inlet valve to engine temperature after start	1x1
Threshold for HOM-request because of minimum injection time	1x1
Delta hysteresis for minimum alowed injection time	1x1
max. temp. difference between TKA and TMOT for HS-Check	1x1
number of driving cycles for setting tank leak diagnosis readiness with extreme conditions	1x1
Temperature difference of engine stall and restart for activating cat. heating	1x1
Delat tmot for stopping hot idling	1x1
Delta temperature for hysteresis loop	1x1
difference of engine cool.temp.to starttemp.for retriggering models (blockheater	1x1
upper threshold for the closed intervall between tum and tans	1x1
upper threshold for the difference of ambient air temperature and engine start temperature	1x1
lower threshold for the difference of ambient air temperature and engine start temperature	1x1
maximum difference between engine temperature and ambient temperature for reset of tnsezmks_w	1x1
DTR_numCANOBDId_CA	54x1
DTR_numCANTstId_CA	54x1
DTR_xAsgnCANRslt_CA	54x1
delta TKA- threshold for not plausible fixed signal	1x1
tmot-threshold: E_TMCS enabling in PostDrive by the central cold start diagnosis.	1x1
lower threshold for the difference of ambient air temperature and intake air temperature	1x1
Limit for torque reserve at battery voltage undershoot.	1x1
Increment to reduce the torque reserve for undervoltage	1x1
Threshold for cange of vehicle speed within the time TDVFORAERW to detect acceleration	1x1
Vehicle speed threshold for expected engine mode independant enable conditions of ORA	1x1
Vehicle speed threshold for expected engine mode independant enable conditions of ORA	1x1
Maximum difference of speed since last 100 ms	1x1
offset (num. of syncs) until valve switches	1x1
Delta pressure ratio at throttle valve interpolation factor for correction of MAF	1x1
angle for min. error simulation	1x1
angle for max. error simulation	1x1
Dynamic forecast begin angle in HO1	1x1
maximum change of stop angle per 10 ms	1x1
max. error of throttle balde angle dependent on angle	3x1
delta angle for band at desired outlet camshaft position	1x1
delta angle for band at desired inlet camshaft position	1x1
for charge detemination permitted (calibrated) camshaft range below and above the ideal range of a new engine	1x1
Offset for intake valve angle at definition change 1mm -> 0.5mm stroke	1x1
Offset for intake valve angle at definition change 1mm -> 0.5mm stroke	1x1
Offset: Gas-exchange valve closes 1mm -> 0.5mm lift	1x1
Offset: Gas-exchange valve closes 1mm -> 0.5mm lift	1x1
KC: high delta ignition angle distance from mean retarding	8x1
KC: low delta ignition angle distance from mean retarding	8x1
Threshold for the delta ignition angle in knock control to limitate the air charge	1x1
delta ignition angle to interpolate tje factor for air charge limitation	1x1
Threshold delivery duration of MSV for activating air charge limitation from fuel supply	1x1
limit angle for minimum delivery rate	1x1
limit angle for maximum delivery rate	1x1
limit angle for maximum delivery rate	1x1
Maximal angle end of control MSV (opening)	1x1
Open angle: gas exch. vlv. exhaust closes to exhaust opens	1x1
Open angle: gas exch. vlv. intake closes to intake opens	1x1
Open angle: gas exch. vlv. intake closes to intake opens	1x1
Maximum threshold for the gradient of driver's pedal for activating the dynamic boost pressure reserve	1x1
calibration value feed forward control MSV	1x1
start value feed forward control MSV	1x1
Knock control: max. retard of dynamic response	5x1
add. retarding per cycle through adapt. dynamics	1x1
advance step for deactivation of dynamic response	1x1
min. value of dynamic response derivation	1x1
deactivation period for dynamics retardation	1x1
Knock control: dynamic detection offset factor	4x1
dynamic threshold of engine speed for inhibiting diagnosis of engine efficiency for catalyst heating	1x1
dynamic threshold of relative air charge for inhibiting diagnosis of engine efficiency for catalyst heating	1x1
ramp-start after cut_off	1x1
Delta ignition angle from efficiency	41x1
Delta ignition angle from efficiency - homogeneous split injection	41x1
curve: ignition angle correction due to variable intake camshaft pahsing	9x1

Lambda dependency of optimized model reference ignition angle referred to Lambda 1	10x1
Lambda dependency of optimized model reference ignition angle referred to Lambda 1	10x1
Lambda based delta added to optimized model reference ignition angle for HSP.	10x1
temperature-dependent offset of optimized model reference ignition angle	5x1
temperature-dependent offset of optimized model reference ignition angle for HSP	5x1
Residual gas dependency of optimum ignition angle referred to Lambda 1	10x1
Delta ignition angle during start (fho)	5x1
Delta ignition angle during start (VVT)	6x1
delta ignition angle at tip-in	8x1
Choice of injection type in start by high engine temperature range	1x1
Choice of injection type in start by low engine temperature range	1x1
Choice of injection type in start by middle engine temperature range	1x1
Counter to indicate the number of times an error in SOC has to be consecutively detected	1x1
Factor for correction of internal resistance of battery based on battery temperature	6x1
Replacement current value for test	1x1
Threshold for characteristic of current sensor error judgment hys High	1x1
Threshold for characteristic of current sensor error judgment hys Low	1x1
Max limit for S16 Curr_A	1x1
Min limit for S16 Curr_A	1x1
Calibration for maximum value of battery accumulated charge and discahrge that can be received from EBS	1x1
Nominal battery charge based on battery temperature	6x1
Maximum threshold upto which battery SOH value received from EBS can go	1x1
Minimum threshold upto which battery SOH value received from EBS can go	1x1
Default charge value to be used for initialization in case ENVRAM history is lost.	1x1
Default discharge value to be used for initialization in case ENVRAM history is lost	1x1
Callibration for battery state of health with respect to charge capacity	1x1
Replacement SOH value for test	1x1
Threshold limit of delta SOC for detection of fault 1	1x1
Threshold limit of delta SOC for detection of fault 2	1x1
Threshold limit of SOC to detect error with respect to previous driving cycle	1x1
The minimum battery SOC that has to be present to proceed with reading the battery internal resistance and hence battery degradation judgement.	1x1
Replacement SOC value for test	1x1
Replacement SOH value for test	1x1
Target SOC for integrated current calculation	1x1
Switch for testing	1x1
Replacement temperature value for test	1x1
Time period after cranking after which battery internal resistance is to be read	1x1
Time elapsed since reset of battery sensor until which battery temperature will be indicated as invalid	1x1
Waiting time for stable state for IS	1x1
T1 filter time for SOH	1x1
T1 filter time for SOC	1x1
Initial Delay when Ignition is ON whcih prevents the Soc and Soh values from filtering	1x1
T1 filter time for SOH	1x1
Turn ON delay time of T15_st to evaluate battery sensor diagnosis	1x1
T1 filter time for battery temperature	1x1
T1 filter time for battery voltage	1x1
T1 filter time for SOF	1x1
Replacement voltage value for test	1x1
Maximum valid SOF that can be received from EBS	1x1
Minimum valid SOF that can be received from EBS	1x1
Replacement SOF value for test	1x1
data completely lost	1x1
security-level 2 or 3 needed	1x1
Codeword to clear write counters	1x1
Codeword which indicates Minimum number of blocks which has to be corrupted to set read error DFC	1x1
Codeword to deactivate EEP blocks.	1x1
Codeword to deactivate EEP blocks.	1x1
Codeword that will start a first initialization in next ini task/EEP layout in memory media will be initialized.	1x1
Codeword to start a first initialization in EEP	1x1
Codeword to clear contents of ENVRAM	1x1
Eep_stISSStorgDiagActv_C	1x1
Enable switch to activate EEPROM data storage in idle stop start (ISS) case	1x1
threshold for negativ mass flow of gradient of enable condition of master function of parallelization of active diagnosis	1x1
threshold for positive mass flow of gradient of enable condition of master function of parallelization of active diagnosis	1x1
Maximum voltage gradient for detection cat empty	1x1
Minimum voltage gradient for detection cat empty	1x1
Maximum voltage gradient for detection cat full	1x1
Minimum voltage gradient for detection cat full	1x1
Minimum voltage gradient for detection cat empty okay during precondition phase	1x1
maximal fuel purge adaptation for enable condition	1x1
maximal relativ fuel portion from canister purge for parallelization	1x1
Factor for lambda controller velocity during parallelization	1x1
Factor for lambda controller velocity during parallelization	1x1
Gradient of the lambda ramp in ramp-test of range check of sensor voltage	1x1
time constant of the torque reserve for parallelization	1x1
Codebit: Consideration of catalyst temperature related enable conditions for operation point request	1x1
Acivation inhibiting parallelization by gear-shift	1x1
Codebit: Suppressing of abortions by Lambda-Monitoring possible	1x1
Shorttrip will be local requested for the purpose of calibration	1x1
Codebit: Dynamic Diagnosis for Symmetric Transition Fault Only	1x1
Codebit: Dynamic Diagnosis for Symmetric Transition Fault Only	1x1
Codebit: Dynamic Diagnosis for Symmetric Transition Fault Only	1x1
Codebit: Dynamic Diagnosis for Symmetric Transition Fault Only	1x1
Codebit: Dynamic Diagnosis for Symmetric Transition Fault Only	1x1
Codebit: Dynamic Diagnosis for Symmetric Transition Fault Only	1x1
amount of exhaust gas mass flow before recognition of cat empty through gradient is getting planer	1x1
amount of exhaust gas mass flow before recognition of cat full through gradient is getting planer	1x1
minimum integrated air mass flow from canister purge for parallelization	1x1
amout of exhaust gas mass flow before unlocking of release condition after lambda stable criterion by switching	1x1
amout of air mass flow as deboucing condition since fuel mixture disturb for release conditon of parallelization, bank 1	1x1
exhaust gas mass for release of lambda = 1 preconditioning phase	1x1
Integrated Exhaust mass tp debounce sensor reqdiness for release of parallelisation	1x1
amount of oxygen mass flow before setting of a target-lean-error-suspicion	1x1
amount of oxygen mass flow before setting of a target-rich-error-suspicion	1x1
the upper limit of the mass flow of the release condition of the mass flow high range for parallelization	1x1
the upper limit of the mass flow of the release condition of the mass flow high range for parallelization	1x1
the lower limit of the mass flow of the release condition of the mass flow high range for parallelization	1x1
the lower limit of the mass flow of the release condition of the mass flow high range for parallelization	1x1
the upper limit of the mass flow of the release condition of the mass flow low range for parallelization	1x1
the upper limit of the mass flow of the release condition of the mass flow low range for parallelization in short trip	1x1

the lower limit of the mass flow of the release condition of the mass flow high range for parallelization	1x1
the lower limit of the mass flow of the release condition of the mass flow high range for parallelization in short trip	1x1
amount of exhaust gas to recognition that lambda actual value is stable for swichting	1x1
amount of exhaust gas mass flow before recognition of cat empty through sensor voltage in state _1_TarCatEmpty	1x1
amount of exhaust gas mass flow to hold on the ramp during ramp-test	1x1
exhaust gas mass for release of diagnosis since engine start	7x1
wait time for release condition of diagnosis since engine start	7x1
upper limit of engine speed for parallelization	1x1
maximal set value of engine speed for operation point for parallelization in shorttrip	1x1
lower limit of engine speed for parallelization	1x1
minimal engine speed for operation point for parallelization in shorttrip	1x1
Threshold number of abortions to suppress Lambda-Monitoring	1x1
distance between voltage points for gradient calculation of sensor voltage lambda sensor downstream catalyst	1x1
Minimal Environmental pressure to enable Parallelization	1x1
maximum lambda prior to parallelization	1x1
minimum lambda prior to parallelization	1x1
requested mager lambda for parallelization during check	1x1
range of tolerance towards lambda 1 between set value and actual value of lambda during lambda schifting in lean direction for switching over criterion	1x1
range of tolerance towards lambda 1 between set value and actual value of lambda during lambda schifting in rich direction for switching over criterion	1x1
range of tolerance towards lean between set value and actual value of lambda during lambda schifting in lean direction for switching over criterion	1x1
range of tolerance towards rich between set value and actual value of lambda during lambda schifting in rich direction for switching over criterion	1x1
range of tolerance towards lean between set value and actual value of lambda during lambda schifting in lean direction for switching over criterion	1x1
range of tolerance towards rich between set value and actual value of lambda during lambda schifting in rich direction for switching over criterion	1x1
lambda limit in direction lean of ramp test for range check	1x1
lambda limit in direction rich of ramp test for range check	1x1
requested rich lambda for parallelization during check	1x1
min. threshold of relative load as enable condition	6x1
maximum present LSU Offset or fueltrim fault in a fault free system	1x1
maximum present LSU Offset or fueltrim fault in a fault free system (negative)	1x1
Mixture difference to bypass actual mixture check after mixture steps	1x1
maximale scavenging rate for release of parallelization	1x1
Mimum ambient temperature for activation of parallelization	1x1
the upper limit of the catalyst temperature of the release condition of the temperature high range for parallelization	1x1
the upper limit of the catalyst temperature of the release condition of the temperature high range for parallelization in short trip	1x1
the lower limit of the catalyst temperature of the release condition of the temperature high range for parallelization	1x1
the lower limit of the catalyst temperature of the release condition of the temperature high range for parallelization in short trip	1x1
the upper limit of the catalyst temperature of the release condition of the temperature low range for parallelization	1x1
the upper limit of the catalyst temperature of the release condition of the temperature low range for parallelization in shorttrip	1x1
the lower limit of the catalyst temperature of the release condition of the temperature low range for parallelization	1x1
the lower limit of the catalyst temperature of the release condition of the temperature low range for parallelization in short trip	1x1
Maximum of temperature change at parallelization	1x1
Maximum of temperature change at parallelization in short trip	1x1
min-temperature for catalyst cooling down detection	1x1
minimum coolant temperature at engine output for enable condition	1x1
inhibit time for catalyst cooling down detection	1x1
duration of heating up for catalyst cooling down detection	1x1
Debounce for deviation of current value	6x1
loss pass filter time constant for maincatalyst temperature of parallelization	1x1
time constant of the filtering of the mass flow for release condition of parallelization	1x1
low pass filter time constant for air mass flow for building of mass flow gradient	1x1
maximal fuel cut off time for a not cold sensor as enable condition	1x1
Debouncing time for condition gear shift disabled	1x1
gating time for lambda settiment criterium by switching	1x1
low pass filter time constant of lsf sensor voltage for parallelization	1x1
time for sensor dynamic lean-rich for IUMPR simulation	1x1
time for sensor dynamic rich-lean for IUMPR simulation	1x1
requested torque reserve for parallelization	1x1
requested torque reserve for parallelization in short trip	1x1
minimum exhaust gas temperature at sensor 2 for parallelization	1x1
minimum exhaust gas temperature at sensor 2 for parallelization in short trip	1x1
minimum sensor voltage for recognition of cat empty through gradient is getting planer	1x1
minimum sensor voltage for recognition of cat empty through gradient is getting planer	1x1
minimum voltage for detection cat empty okay during precondition phase	1x1
minimum sensor voltage for recognition of cat empty through absolut voltage threshold	1x1
maximum sensor voltage threshold for recognition of cat full through gradient is getting planer	1x1
maximum sensor voltage threshold for recognition of cat full through gradient is getting planer	1x1
maximum sensor voltage for recognition of cat full through absolut voltage threshold	1x1
maximum sensor voltage for recognition of cat full during tester request through absolut voltage threshold	1x1
minimum sensor voltage to enable a good transitionR2L check of LSF sensor in the follow up	1x1
maximum sensor voltage to enable a good delayL2R check of LSF sensor in the follow up	1x1
minimal vehicle speed for parallelization	1x1
Threshold for counter of load changes	1x1
Maximal allowed exhaust mass flow to enable identification	1x1
Maximal allowed purge mass flow to enable identification	1x1
Maximal allowed change in filling to enable fast offset adaptation	1x1
Maximal allowed change of filling	1x1
Factor for limitation of measured delay or transition time relative to fault threshold	1x1
Fraction of step height to end step response measurement	1x1
Factor to calculate equivalent delay time	19x1
Identification gain for delay time	1x1
Identification gain for transition time	1x1
Factor for weighting the relative filling of inert gas	1x1
Threshold of loss function to evaluate loss function	1x1
Learning factor for fast offset adaptation	1x1
Learning factor for slow offset adaptation	1x1
Maximal allowed scavenging rate	1x1
Factor for transition time at time-out criterion	1x1
Fast offset adaptation runs after parallelization	1x1
Fast offset adaptation runs after parallelization	1x1
Fast offset adaptation runs before parallelization	1x1
Fast offset adaptation runs before parallelization	1x1
Minimal exhaust mass threshold for general enabling of fast offset adaption if no cat purge done before	1x1
Minimal exhaust mass threshold for general enabling of fast offset adaption during short trip	1x1
Minimal exhaust mass threshold for general enabling of fast offset adaption	1x1
Minimal exhaust mass threshold for enabling of fast offset adaption	3x1
Minimal exhaust mass threshold for enabling of fast offset adaption during short trip	1x1
Minimal virtual exhaust mass threshold for enabling of fast offset adaption in context of IUMPR simulation	1x1
Maximal exhaust mass after scavenging to enable identification	1x1
Maximal exhaust mass flow to enable fast offset adaptation	1x1
Minimal exhaust mass flow to enable fast offset adaptation at short trip	1x1
Minimal exhaust mass flow to enable fast offset adaptation	1x1

Minimal exhaust mass flow to temporarily enable fast offset adaptation	1x1
Minimal integrated purge mass of fuel purge control to enable identification	1x1
Minimal engine speed to enable fast offset adaptation	1x1
Threshold for counter that predicted offset is above threshold	1x1
Necessary number of exhaust masses to virtually debounce fault with fast offset adaptation (IUMPR simulation)	1x1
Necessary number of exhaust masses to debounce fault with fast offset adaptation	1x1
Necessary number of measurements for fault-confirmation	1x1
Number of step response measurements for short trip	1x1
Number of step response measurements per driving cycle	1x1
Necessary number of no offset step (or increasing offset) in a row to debounce fast offset adaptation	1x1
Positive offset for counter at load change	1x1
Negative offset to reduced counter after fast offset adaptation	1x1
Maximal (upper) fault threshold for fuel trim	1x1
Minimal (lower) fault threshold for fuel trim	1x1
Minimal change in modelled lambda necessary to enable identification	1x1
Maximal offset change in non-fault direction for confirmation of fuel trim fault	1x1
Maximal (upper) fault threshold for lambda offset	1x1
Minimal (lower) fault threshold for lambda offset	1x1
Maximal limit for lambda offset	1x1
Minimal limit for lambda offset	1x1
Threshold for predicted lambda offset to increment counter	1x1
Threshold for predicted lambda offset if controller is in limitation	1x1
Threshold for negative predicted lambda offset to enable fast offset adaptation	3x1
Threshold for positive predicted lambda offset to enable fast offset adaptation	3x1
Minimal relative load to enable fast offset adaptation (engine speed dependent curve)	5x1
Threshold of loss function ratio for reset	1x1
Maximal allowed scavenging rate to enable fast offset adaptation	1x1
Transition time ratio for step response measurement	19x1
Code word of lambda-based dynamics diagnosis of a wide-band sensor	1x1
Code word of fast offset adaptation	1x1
Code word of lambda plausibility diagnosis	1x1
Maximal catalyst temperature to enable fast offset adaptation	1x1
Minimal catalyst temperature to enable fast offset adaptation	1x1
Engine temperature threshold to enable fast offset adaptation	1x1
Time constant to filter adaptation values	1x1
Threshold for adaptation of symmetric delay time	1x1
Delay time of best part unacceptable	1x1
Threshold for adaptation of asymmetric delay time	1x1
Minimal deviation of identified delay time from value of step response measurement before new adaptation	1x1
Threshold for detection of delay time fault by identification	1x1
Delay time difference for confirmation of step change	1x1
Delay time difference for step change suspicion	1x1
Threshold for detection of delay time fault by step response measurement	1x1
Highpass time constant (DT1) at fault suspicion	1x1
Highpass time constant (DT1)	1x1
Time before first evaluation of identification	1x1
Maximal time before evaluation of identification	1x1
Time before repeated evaluation of identification	1x1
Weighting factor for EWMA filter	1x1
Time threshold to abort gradient-based dynamic diagnosis	1x1
Time threshold to abort gradient-based dynamic diagnosis	1x1
Time threshold to abort gradient-based dynamic diagnosis	1x1
Time threshold above which virtual lambda monitoring is okay	1x1
EGSDO2_tiLamOffsSlowDebFuTrmShrtp_C	1x1
Debouncing time for slow offset adaptation (fuel trim fault)	1x1
Debouncing time for slow offset adaptation during short trip (offset fault)	1x1
Debouncing time for slow offset adaptation (offset fault)	1x1
Time threshold to evaluate loss function	1x1
Time constant for prefilter of asymmetric fault model	1x1
Maximal duration for temporary enabling of fast offset adaptation with minimal exhaust mass flow	1x1
Time constant of lambda (derivative) filter (sensor 1)	1x1
Filter time constant (PT1) for predicted offset	1x1
Differential time constant for relative filling to enable identification	1x1
Adaptation threshold for sum time of identified parameters	1x1
Adaptation threshold for difference of direction dependent sum times of identified parameters	1x1
Fault threshold for sum time from identification	1x1
Threshold for summed time with active reference control	1x1
Maximal nominal plant time constant to enable identification during short trip	1x1
Maximal nominal plant time constant to enable identification	1x1
Threshold for adaptation of symmetric transition time	1x1
Transition time threshold for switching back to narrow bandpass	1x1
Transition time of best part unacceptable	1x1
Transition time threshold for switching to wide bandpass	1x1
Threshold for adaptation of asymmetric transition time	1x1
Minimal deviation of identified transition time from value of step response measurement before new adaptation	1x1
Fault threshold for transition time from identification	1x1
Transition time difference for confirmation of step change	1x1
Transition time difference for step change suspicion	1x1
Threshold for detection of transition time fault by step response measurement	1x1
Turn-off delay after change in controller status	1x1
Turn off delay at unsufficient dynamic excitation	1x1
Turn-on delay after switching bandpass	1x1
Turn off delay at unsufficient dynamic excitation	1x1
Turn-on delay after switching bandpass	1x1
Turn-on delay to enable fast offset adaptation by catalyst temperature at short trip	1x1
Turn-on delay to enable fast offset adaptation by catalyst temperature	1x1
Turn-on delay if lambda controller upstream catalyst at limitation and sensor voltages in opposite direction	1x1
Turn-on delay after change in controller status	1x1
Turn on delay of identification after release of controller	1x1
Turn-on delay after fuel cut-off at fault suspicion	1x1
Turn-on delay after fuel cut-off	1x1
Turn-on delay after large filling gradient at fault suspicion	1x1
Turn-on delay after large filling gradient	1x1
Turn-on delay after falling below engine speed threshold to disable fast offset adaptation	1x1
Turn-on delay after shift events	1x1
Turn on delay of identification after sensor readiness	1x1
Turn-on delay after end of start	1x1
Minimal vehicle velocity to enable identification	1x1
Measurement of delay time, sensor 2 (LSF) / Characteristic map for correction of delay measurement Lean-Rich via Gradient caused by catalyst storage capacity and exhaust mass flow	4x4
Measurement of delay time, sensor 2 (LSF) / Characteristic map for correction of delay measurement Rich-Lean via Gradient caused by catalyst storage capacity and exhaust mass flow	4x4
Threshold voltage decrease for measurement delay time of sensor voltage rich to lean	1x1
Threshold voltage decrease for calculation of correction gradient for delay time of sensor voltage rich to lean	1x1

Minimum change of sensor voltage for calculatrion of time constant for single step	1x1
Threshold voltage increase during measurement delay time of sensor voltage lean to rich	1x1
Threshold voltage increase for calculation of correction gradient for delay time of sensor voltage lean to rich	1x1
Limitation of values: 1.5	1x1
Codewort (Binary): delay measurement also by conditioning	1x1
Codewort (Binary): correction of delay time in addition regarding catalyst effect	1x1
Codewort (Binary): Arithmetic filter delay time of sensor voltage at transition lean-rich, sensor 2	1x1
Codewort (Binary): Arithmetic filter transition time of sensor voltage at transition lean-rich, sensor 2	1x1
Codewort (Binary): Arithmetic filter delay time of sensor voltage at transition rich-lean, sensor 2	1x1
Codewort (Binary): Arithmetic filter transition time of sensor voltage at transition rich-lean, sensor 2	1x1
distance to target lambda during measurement of delay time lean to rich of sensor voltage	1x1
distance to target lambda during measurement of delay time rich to lean of sensor voltage	1x1
Class instance: filter delay time of sensor voltage at transition lean-rich, sensor 2, bank 1 / number of necessary measurements for short trip	1x1
Class instance: filter delay time of sensor voltage at transition lean-rich, sensor 2, bank 1 / number of necessary measurements in case of step change	1x1
Class instance: filter delay time of sensor voltage at transition lean-rich, sensor 2, bank 1 / Minimum number of Tests for Fast Initial Response and Step Change for EWMA-Filter	1x1
Class instance: filter delay time of sensor voltage at transition lean-rich, sensor 2, bank 1 / Filter constant for EWMA-Filter	1x1
Class instance: filter delay time of sensor voltage at transition lean-rich, sensor 2, bank 1 / Ini-value of dynamic time	1x1
Class instance: filter delay time of sensor voltage at transition lean-rich, sensor 2, bank 1 / Threshold (absolute) to confirm Step Change for EWMA-Filter	1x1
Class instance: filter delay time of sensor voltage at transition lean-rich, sensor 2, bank 1 / Threshold (absolut) to trigger Step Change logic for EWMA-Filter	1x1
Class instance: filter transition time of sensor voltage at transition lean-rich, sensor 2, bank 1 / number of necessary measurements for short trip	1x1
Class instance: filter transition time of sensor voltage at transition lean-rich, sensor 2, bank 1 / number of necessary measurements in case of step change	1x1
Class instance: filter transition time of sensor voltage at transition lean-rich, sensor 2, bank 1 / Minimum number of Tests for Fast Initial Response and Step Change for EWMA-Filter	1x1
Class instance: filter transition time of sensor voltage at transition lean-rich, sensor 2, bank 1 / Filter constant for EWMA-Filter	1x1
Class instance: filter transition time of sensor voltage at transition lean-rich, sensor 2, bank 1 / Ini-value of dynamic time	1x1
Class instance: filter transition time of sensor voltage at transition lean-rich, sensor 2, bank 1 / Threshold (absolute) to confirm Step Change for EWMA-Filter	1x1
Class instance: filter transition time of sensor voltage at transition lean-rich, sensor 2, bank 1 / Threshold (absolut) to trigger Step Change logic for EWMA-Filter	1x1
Class instance: measurement of transition time of sensor voltage lean to rich, sensor 2, bank 1 / Distance from end of transition time check to target sensor voltage of PT1 caculation	1x1
Class instance: measurement of transition time of sensor voltage rich to lean, sensor 2, bank 1 / Distance from end of transition time check to target sensor voltage of PT1 caculation	1x1
Class instance: filter delay time of sensor voltage at transition rich-lean, sensor 2, bank 1 / number of necessary measurements for short trip	1x1
Class instance: filter delay time of sensor voltage at transition rich-lean, sensor 2, bank 1 / number of necessary measurements in case of step change	1x1
Class instance: filter delay time of sensor voltage at transition rich-lean, sensor 2, bank 1 / Minimum number of Tests for Fast Initial Response and Step Change for EWMA-Filter	1x1
Class instance: filter delay time of sensor voltage at transition rich-lean, sensor 2, bank 1 / Filter constant for EWMA-Filter	1x1
Class instance: filter delay time of sensor voltage at transition rich-lean, sensor 2, bank 1 / Ini-value of dynamic time	1x1
Class instance: filter delay time of sensor voltage at transition rich-lean, sensor 2, bank 1 / Threshold (absolute) to confirm Step Change for EWMA-Filter	1x1
Class instance: filter delay time of sensor voltage at transition rich-lean, sensor 2, bank 1 / Threshold (absolut) to trigger Step Change logic for EWMA-Filter	1x1
Class instance: filter transition time of sensor voltage at transition rich-lean, sensor 2, bank 1 / number of necessary measurements for short trip	1x1
Class instance: filter transition time of sensor voltage at transition rich-lean, sensor 2, bank 1 / number of necessary measurements in case of step change	1x1
Class instance: filter transition time of sensor voltage at transition rich-lean, sensor 2, bank 1 / Minimum number of Tests for Fast Initial Response and Step Change for EWMA-Filter	1x1
Class instance: filter transition time of sensor voltage at transition rich-lean, sensor 2, bank 1 / Filter constant for EWMA-Filter	1x1
Class instance: filter transition time of sensor voltage at transition rich-lean, sensor 2, bank 1 / Ini-value of dynamic time	1x1
Class instance: filter transition time of sensor voltage at transition rich-lean, sensor 2, bank 1 / Threshold (absolute) to confirm Step Change for EWMA-Filter	1x1
Class instance: filter transition time of sensor voltage at transition rich-lean, sensor 2, bank 1 / Threshold (absolut) to trigger Step Change logic for EWMA-Filter	1x1
Characteristic line: Expected delay time of sensor voltage at transition lean to rich in system without fault, sensor 2	5x1
Characteristic line: Expected delay time of sensor voltage at transition rich to lean in system without fault, sensor 2	5x1
Minimum time constant to activate the inhibit of ri-pluse during transition time check	1x1
Characteristic Line for normalization of transition time lean-rich	6x1
Characteristic Line for normalization of transition time rich-lean	6x1
threshold ""best performing unacceptable"" of delay time of sensor voltage for transition lean to rich, sensor 2	1x1
threshold ""best performing unacceptable"" of transition time of sensor voltage for transition lean to rich, sensor 2	1x1
fault threshold of delay time of sensor voltage for transition lean to rich, sensor 2	1x1
fault threshold of transition time of sensor voltage during crossing lean to rich, sensor 2	1x1
threshold: transition time of sensor voltage for transition lean to rich has impact on measured delay, sensor 2	1x1
threshold ""best performing unacceptable"" of delay time of sensor voltage for transition rich to lean, sensor 2	1x1
threshold ""best performing unacceptable"" of transition time of sensor voltage for transition rich to lean, sensor 2	1x1
fault threshold of delay time of sensor voltage for transition rich to lean, sensor 2	1x1
fault threshold of transition time of sensor voltage during crossing rich to lean, sensor 2	1x1
threshold: transition time of sensor voltage for transition rich to lean has impact on measured delay, sensor 2	1x1
Maximum time for measurement delay time of sensor voltage at transition lean to rich	1x1
Maximum time for measurement delay time of sensor voltage at transition lean to rich	1x1
Maximum time for measurement delay time of sensor voltage at transition rich to lean	1x1
Maximum time for measurement delay time of sensor voltage at transition rich to lean	1x1
sensor voltage to determinate the end of transition time check rich-lean	1x1
sensor voltage to determinate the end of transition time check lean-rich	1x1
factor for Electric load current	1x1
Electric load current for Air Compressor switch ON mode in Gasoline engine	1x1
Curve for Blower fan voltage level (Auto AC)	16x1
Curve for Blower fan voltage level (Manual AC)	16x1
Additional Load Current	1x1
Default Auto AC Electric current for Com error in GS	1x1
Default Auto AC Electric current for Com error in GS	1x1
Electric load current value for fan off condition	1x1
Electric load current value for fan low condition	1x1
Electric load current value for fan high condition	1x1
Default value of electric load current for fan	1x1
Electric load current for Front de-icer switch ON mode	1x1
Electric load current for Front de-icer switch OFF mode	1x1
Electric load current for Front-fog lamp switch ON mode	1x1
Electric load current for Front-fog lamp switch OFF mode	1x1
Electric load current for light switch off condition	1x1
Electric load current for small light on condition	1x1
Electric load current for low beam	1x1
Electric load current for small light on condition	1x1
Electric load current for low beam	1x1
Electric load current for high beam	1x1
Electric load current for Rear de-fogger (Auto AC) switch ON mode	1x1
Electric load current for Rear de-fogger (Auto AC) switch OFF mode	1x1
Electric load current for Rear de-fogger (Manual AC) switch ON mode	1x1
Electric load current for Rear de-fogger (Manual AC) switch OFF mode	1x1
Electric load current for Rear-fog lamp switch ON mode	1x1
Electric load current for Rear-fog lamp switch OFF mode	1x1
Transfer curve for ElecLd	16x1
Electric load current for Wiper switch High mode	1x1
Wiper low calibration	1x1
Wiper off error calibration current	1x1
Structure containing ramp slopes for response in case of errors in the analog signal read from the Electric load / Slope if the ramp has to be increased	1x1
Structure containing ramp slopes for response in case of errors in the analog signal read from the Electric load / negative ramp slope	1x1
Structure to hold SRC thresholds for read voltage from Electric load sensor / Threshold for SRC -Min detection	1x1
Structure to hold SRC thresholds for read voltage from Electric load sensor / Threshold for SRC -Max detection	1x1
Calibration for disabling the SRC check of ElecLd	1x1
Head light information selection switch status	1x1
Electric Load current value Model switch	1x1

Electric Load current value Model switch	1x1
switch to select Electric load current	1x1
Timer for AC learning	1x1
Time constant of the PT1 filter for Electric load current	1x1
Time constant of the PT1 filter for the modelled load current	1x1
Time constant of the PT1 filter for the EPS load current	1x1
Structure containing fixed replacement values and the status word to decide the response in case of errors in the analog signal read from the Electric load sensor loa / Fixed replacement value	1x1
Structure containing fixed replacement values and the status word to decide the response in case of errors in the analog signal read from the Electric load sensor loa / Sensor Id word	1x1
Application parameter to simulate actual torque of the electric motor for test purpose	1x1
Calibration for Relative charge state of HV battery	1x1
Characteristic line E-function (1-e(-x))	6x1
threshold release calculation of engine efficiency deviation for diagnosis of ignition during idle	1x1
threshold release calculation of engine efficiency deviation for diagnosis of ignition during part load	1x1
Engine reference power at crankshaft level	1x1
Support of Engine run Time	1x1
Calibratable array to set the unused RTIds to a default value (the position in the array corresponds to the timer position in the EngDa_ti array	4x1
Time interval between two updates of the EEPROM block for EngDa_tiEngOn	1x1
Engine reference torque torque at crankshaft level	1x1
Application label for Engine Reference Torque on indicated level	1x1
Vehicle speed threshold from which the ""idle"" engine mode is released	1x1
Engine displacement	1x1
Negative slopes for the torque limitation ramp for individual error entries	4x1
Positive slopes for the torque limitation ramp for individual error entries	4x1
Configuration index for positive and negative ramping slopes	17x1
Configuration of the error cases for ramping switch-off at condition target reached	1x1
Ramp initialisation time after engine start	1x1
Torque limitation due to camshaft errors	6x1
Torque limitation in case of DK/PWR failure	8x1
Ramp slopes for power limitation at exhaust gas overheating	7x1
Factor for power limitation at at exhaust gas overheating.	1x1
Factor for torque limitation depending on engine speed and gear	9x6
Engine Lower idle threshold for TMFW Protection	1x1
Engine threshold for TMFW Protection	1x1
Threshold for maximum speed fault detection	1x1
Engine speed limitation for the overheating protection	1x1
Engine speed threshold for deactivating the engine speed limitation at standstill	1x1
Engine speed threshold for activating the engine speed limitation at standstill	1x1
Offset for increasing NMAX during overheating protection	1x1
Speed threshold for the twin mass flywheel during underbraking	1x1
Parameter to select the suitable temperature from the temperature array	1x1
Ramp target value for power limitation at exhaust gas overheating	4x1
Initial value for power ramps	1x1
Offset for power target value when no exhaust gas overheating present	1x1
Definition of the accelerator pedal position for the activation of the engine speed limitation at vehicle standstill	1x1
Status of engine overspeed diagnosis. Diagnosis feature is inactive and counter is reset	1x1
Code word for the reduction NMAX to the temperature protection	1x1
Temperature selector switch	1x1
Calibration parameter to enable reset of overspeed counter when FCM is cleared	1x1
Switch to select engine temperature or engine oil temperature	1x1
Temperature Threshold	1x1
Temperature threshold for power limitation at exhaust gas overheating	13x1
Time Delay parameter	1x1
Delay time for Engine shutdown	1x1
Engine speed filtering time.	1x1
Debouncing time fault detection max critical engine speed	1x1
Debouncing time fault healing max critical engine speed	1x1
Maximum time for the operation in limitation NMAX before engine speed reduction	1x1
Time delay for the deactivation of the engine speed limitation at vehicle standstill	1x1
Timer for two mass fly wheel	1x1
Delay time for the Resting of DMFW	1x1
Timer threshold	1x1
Coolant temperature threshold for the activation of the engine speed limitation at vehicle standstill	1x1
Torque threshold	1x1
Delta torque for the hysteresis	1x1
Relative driver request torque threshold for the cruise control and accelerator overheating protection	1x1
Below this speed threshold EngPrt_OvhtNLim to vehicle stagnation is recognized in the function.	1x1
Vechicle speed Threshold for resting DMFW	1x1
Vehicle speed threshold	1x1
decrement of the real torque reserve	1x1
Structure for PWM output parameters for Engine speed Pwm Output / Reference value for period duration (small type to limit dynamic range)	1x1
Structure for PWM output parameters for Engine speed Pwm Output / Reference value for phase relationship in period units	1x1
Structure for PWM output parameters for Engine speed Pwm Output / Reference value for maximum duty cycle	1x1
Structure for PWM output parameters for Engine speed Pwm Output / us per Pwmout_tiPeriod unit (1==us, 1000=ms)	1x1
Structure for PWM output parameters for Engine speed Pwm Output / Active level (0 or 1)	1x1
Structure containing parameters for PWM output power stage error handling for engine speed PWM out / Minimum threshold for the duty cycle	1x1
Structure containing parameters for PWM output power stage error handling for engine speed PWM out / Maximum threshold for the duty cycle	1x1
Structure containing parameters for PWM output power stage error handling for engine speed PWM out / Time between tests for SCB error	1x1
Structure containing parameters for PWM output power stage error handling for engine speed PWM out / Time between tests for OT error	1x1
Structure containing parameters for PWM output power stage error handling for engine speed PWM out / Maximum number of tests allowed on permanent defect	1x1
Structure containing parameters for PWM output power stage error handling for engine speed PWM out / Switch to enable battery correction	1x1
Engine speed PWm output dutycycle	1x1
Structure containing parameters for PWM output power stage error handling for engine speed PWM out / Switch to enable battery correction	1x1
Engine speed PWm output dutycycle	1x1
Mask to select the conditions during which diagnosis is to be disabled.	1x1
Mask to select power stage disble conditions	1x1
Reference angle to the determination of the reference speed	1x1
Offset for the correction of throttle blade before application interface	1x1
engine speed offset for restart strategy threshold 1 (btw. RUNNING and STARTING)	3x1
engine speed offset for restart strategy threshold 2 (btw. STARTING and WAIT_FOR_STARTER)	3x1
Thresold for positive engine speed gradient for end-of-start at engine driven Change-of-Mind	1x1
weighting of afterstart enrichment	6x8
Weighting of delta ignition angle at warm-up	12x16
Motorlastkorrektur	6x1
Curve for additional calibration of the start factor during first Injection for initial fueling mode	2x1
characteristic curve for the conversion of the interpolation factor altitude	6x1
map warm-up factor load dependent fraction	6x8
map warm-up factor load dependent fraction at HSP	6x8
Delta ignition angle during warm up	6x6
Delta ignition angle during warm up with altitude correction	6x6
PSA specific Map ignition angle offset to influence start-up speed during following start in a startstop system	4x4
Ignition angle for start during engine runout	4x4

Desired critical air mass flow when engine start with catalyst heating with secondary air.	12x1
below this engine speed, CEP should be active	1x1
characteristic curve for calibration of the maximum negative engine speed dependent on the engine speed in the referenz point	8x1
Map for the calculation of engine speed for strategy 1	5x5
Map for the calculation of engine speed for strategy 2	5x5
calibration value of the engine speed threshold	1x1
Threshold for Engine Speed	1x1
Threshold engine speed for permission of starter assist at change of mind	1x1
map for application of the rest TDCs until engine stop	10x1(
engine speed threshold for detection end-of-start at change-of-mind	4x4
engine speed threshold end-of-start, if there is already engine speed in ECU init-phase	1x1
engine speed threshold for detection end-of-start start-stop follow-up-start	4x4
engine speed threshold for detection end-of-start	4x4
engine speed threshold for detection start	1x1
characteristic curve for calibration of the correction value of the engine speed for the determination of the rest TDCs concerning temperature	8x1
Threshold for total amount of injections delivered	1x1
characteristic for observation of the intake manifold pressure	4x1
map for the calibration of the CEP-throttle valve set point for altitude	9x10
map for the calibration of the throttle valve set point for CEP	9x10
EngStrt_selTForIgnDurgWrmUp_C selects temperature sensor for delta ignition angle calculation during warmup.	1x1
configuration code word for restart-strategy	1x1
code word to define the used configuration of shut down time	1x1
status byte to configure CEP	1x1
configuration codeword for function EngStrt_Strt	1x1
code word used to select source of temperature for EngStrt Software	1x1
above this temperature, CEP should be active	1x1
maximum time until DisblNewSync is ended	1x1
delay time starter active to camshaft turns at starter-assisted start	1x1
debouncing time for engine speed gradient needed for end-of-start	1x1
maximum debounce time for falling engine speed during engine driven change-of-mind (for calculation of end-of-start)	1x1
debounce time between start and end of start	1x1
delay from EPM_SPD_ZERO until standstill of the engine is confirmed by CEP	1x1
clutch ratio dependent factor for limitation of maximum GSH torque	8x1
engine speed dependent factor for limitation of maximum idle speed governor torque	8x1
curve maximal reserve torque in extended monitoring	8x1
Torque offset for GSH torque	8x1
Torque offset for permitted idle governor torque	8x1
enabling fuel cut off dependent on gear during catalyst heating	11x1
De-jitter threshold (inc.) for throttle-value target value during idling (B_Il)	1x1
De-jitter thresh. (inc.) for throttle-value target value outside idling (!B_Il)	1x1
Default value for environment pressure	1x1
Load-Engine-Rotation-Area to release the EnvT-modelling	8x1
air mass flow depending on vehicle spped	4x1
Maximum delta load for injection for EnvT-Modelling	1x1
Minimum delta load for injection for EnvT-Modelling	1x1
maximum difference between intake air temperature and engine temperature for initialisation	1x1
maximum difference between intake air temperature and engine temperature for cold start detection	1x1
code word for the configuration of EnvT_IfAdpr	1x1
Offset for the Minimum threshold of Air Mass Accumulated for environment temperature modelling((Delta value from the previous value of EnvT_mAirAcmThdMdlRels_T))	1x1
Curve which gives the threshold of Accumulated Air mass to release the environment temperature model	8x1
Threshold for air mass for determination of EnvT-Modelling in case of hot engine	1x1
Threshold for air mass for determination of EnvT-Modelling	1x1
Default value for ambient temperature sensor	1x1
Default status des EnvT-Modells	1x1
Test value for EnvT_stSensCanDfl_C	1x1
Test value for EnvT_stTSens	1x1
Code word (mask) for activating the main feature of the EnvT	1x1
Configuration of electrical diagnosis for sensor by CAN	1x1
Code word for activating the inputs for model-based check	1x1
Code word for activation the inputs for physical-range-check	1x1
code word for function configuration	1x1
Code word to enabe the sensor based model for EnvT-packet	1x1
Maximum value of Air_tCACDs for usage as substitute value in the communication time.	1x1
Minimum value of Air_tCACDs for using as substitute value in the communication time	1x1
Engine temperature to detect a hot engine	1x1
Maximum engine temperature to determin EnvT-Model in Initialisation	1x1
Maximum engine temperature to determin EnvT-Model	1x1
Minimum engine temperature to determin EnvT-Model	1x1
Maximum engine temperature to determine a cold start of EnvT-Model	1x1
Maximum engine coolant temperature to calculate model value for ambient temperature	1x1
engine temperature threshold to detect: engine warm	1x1
Default value for temperature of environment air	1x1
Maximum threshold for the difference between CEngDsT and CEngDsT_tStrt so that the Intake Temperature can be reliably applied as modelled Ambient Temperature	1x1
Delay time until there are plausible values for the environment temperature over CAN	1x1
Duration of communication time	1x1
Duration, in which a EnvT_t-value detected as valid once is retained even after loss of validity.	1x1
minimum engine off time to detect a cold start in EnvT-Modelling	1x1
Time constant of the low pass filter of the environmental temperature model	1x1
Delay time for remaining in state modelling of environmental temperature possible	1x1
Minimum time of state engine is warm for the release of the environmental temperature modelling	1x1
coefficient to calculate environment temperature	1x1
Maximum intake air temperature to determine the environmental temperature model	1x1
Minimum intake air temperature to determine the environmental temperature model	1x1
Default value for the intake air temperature within the environmental temperature model	1x1
calibration parameter to select intake air temperatures.	1x1
Delay time for the locking of cold start after engine rotation	1x1
Delay time for the locking of cold start after engineoff	1x1
Delay time for the detection of a hot engine in idle state	1x1
Time constant to fault detection for model based check	1x1
Time constant to healing detection for model based check	1x1
Time constant to fault detection for physical-range-check	1x1
Time constant to healing detection for physical-range-check	1x1
Compensation for intake air temperature for determination of environmental air temperature	8x8
Upper Intake air temperature threshold to detect a hot engine	1x1
Lower Intake air temperature threshold to detect a hot engine	1x1
Default-value for the environmental temperature modelling	1x1
Test value for ambient temperature by CAN	1x1
typic value to indicate a defect sensor	1x1
maximal threshold to detection of the temporary fault of model based check	1x1

minimal threshold to detection of the temporary fault of model based check	1x1
Threshold to detection max error of physical-range-check	1x1
Threshold to detection min error of physical-range-check	1x1
typic value to indicate a not present sensor	1x1
Substitute value of the ambient temperature for the tester	1x1
maximal temperature to detemination the minimal value	1x1
Default value of the EnvT	1x1
code word 2 to configure the environmental temperature modelling	1x1
Code word3 to configure the environmental temperature modelling	1x1
code word for selection the temperatuere sensor	1x1
Code word to configure the environmental temperature modelling	1x1
Minimum vehicle velocity to calculate model value for ambient temperature	1x1
Minimum vehicle speed to determine the environmental temperature model	1x1
Min distance at a configurable speed to enable the EONV diag.	1x1
Coefficient used for 0.020"" EWMA calculation when in the failing state	1x1
start value for EWMA filter	1x1
Threshold value to set out the MIL it is exceeded by EWMA filter result	1x1
Filter coefficient used for 0.020"" EWMA calc. when currently in passing state	1x1
The EWMA threshold value that will be used when the system is passing	1x1
Num EWMA test samples required before diagnostic report a pass	1x1
Default fuel level for EONV when no external system is present	1x1
necessary result of overpressure phase after detecting a pressure peak to finish the diagnosis immediately	1x1
Threshold value to set the MIL once it is exceeded by EWMA	1x1
factor to detect an acceleration after testinjection	3x1
upper limit to detect a constant enginge speed	1x1
lower limit to detect a constant enginge speed	1x1
maximum engine-speed at which testinjections are allowed	1x1
number of testinjections in series	1x1
maximum numbers of testinjections	1x1
end of old segment (segment which is not accelerated from a testinjection) - over this segment the time is read from the crankshaft-buffer	1x1
segmentlength which is used to get the segmenttime from the crankshaftbuffer for detecting an acceleration	1x1
factor to be able to distinguish the result of the multiplication of short and long CaS-segments, also in case of high dynamic	1x1
angle until a timeout-interrupt occurs if the engine is deaccelerated	1x1
angle until a timeout-interrupt occurs if the engine is deaccelerated	1x1
angle from 0°-position to the sync-mark of the camshaft-wheel	3x1
angle from 0°-position to the sync-mark of the camshaft-wheel	3x1
Enable Backup without Crankshaft	1x1
Enable Backup without Crankshaft	1x1
Threshold engine temperature to allow backup crankshaft	1x1
series of camshaft segments	10x1
filterfactor for the camshaft adaption	1x1
factor for the upper limit of the plaus-check of the camshaft-signals	3x1
factor for the lower limit of the plaus-check of the camshaft-signals	3x1
Switch for activation of the single edge tolerance of the CTEDGE functionality for systems with variable camshaft	1x1
Definition of Reference edge for correcting position of current edge (number of equidistand edges before current edge)	2x1
Limit of the debounce counter for recognizing a defect when camshaft disturbance occurs	1x1
Limit of the debounce counter for healing a recognized camshaft disturbance	1x1
Limit for debounce counter to recognize the loss of a camshaft signal	1x1
number of camshaft revolution until fault path DFC_EpmCaS..OfsErr will set	1x1
Primary camshaft which is used to calculate the engine speed from camshaft and to support backup mode	1x1
index of last segmment in EpmCaS_dSegSeries	1x1
Primary camshaft which is used to calculate the engine speed from camshaft and to support backup mode	1x1
index of last segmment in EpmCaS_dSegSeries	1x1
Angle for the calibratable adaptation	2x1
maximum angle-difference between real and adapted angle - adaption is running until this angle is reached	1x1
maximum angle-difference between real and adapted angle during adaption	1x1
maximum angle-difference between reference and adapted position	1x1
Deactivation of filter if the dynamics between the reference edge and the current edge are larger than the corresponding value in EpmCaS_phiEdgeDvtMax_CA	2x1
Lower angle limit of the actuator range for the intake camshaft (including tolerances)	1x1
Lower angle limit of the actuator range for the exhaust camshaft (including tolerances)	1x1
Upper limit of the tolerated angle difference of the installation position of the camshaft	1x1
Lower limit of the tolerated angle difference of the installation position of the camshaft	1x1
Maximum twist of the installation position of the camshaft up to which the neutral point of the angle offset diagnosis is shifted.	1x1
engine-speed dependent angle-correction-value of the camshaft-signal	6x1
max. tolerated angle offset between camshaft and crankshaft	1x1
min. tolerated offset between camshaft and crankshaft	1x1
tolerance of each segment length	10x1
tolerance of each segment length	10x1
length of camshaft segments	10x1
angle between physical zeroposition and start of EpmCaS_dSegSeries_C	2x1
angle between physical zeroposition and start of EpmCaS_dSegSeries_C	2x1
Angle correction for first inlet camshaft based on temperature correction	5x1
Angle correction for first outlet camshaft based on temperature correction	5x1
angle correction for first inletcamshaft depending on temperature distribution	3x1
angle correction for first outletcamshaft depending on temperature distribution	3x1
Upper angle limit of the actuator range for the intake camshaft (including tolerances)	1x1
Upper angle limit of the actuator range for the exhaust camshaft (including tolerances)	1x1
factor for partial reference adaptation	1x1
type of camshaft edges to be detected	1x1
type of camshaft edges to be detected	1x1
Disable the camshaft diagnosis in EPM_MODE_OK if a camshaft fault is already detected.	1x1
direction of unfiltered angular displacement of the camshaft	1x1
minimal value of Epm_stSync after which the calculation of camshaft edges starts	1x1
direction of unfiltered angular displacement of the camshaft	1x1
minimal value of Epm_stSync after which the calculation of camshaft edges starts	1x1
Disable of camshaft offset in EPM_MODE_OK	1x1
Switch for adaptation strategy	1x1
Switch for calibratable adaptation correction	1x1
Trigger for reference adaptation and check of the installation position of the camshaft	1x1
Switch for measuring the camshaft raw values	1x1
Setting for the calculation strategy of camshaft angle	1x1
Calibration to select the temperature source for temperature correction	1x1
filtertime for the camshaft signal	1x1
filtertime for the camshaft signal	1x1
time factor for filtering camshaft offset	1x1
after the last camshaftedge the system waits this time and then the valid time entries in the camshaftbuffer are cleared	1x1
max. engine deceleration to calculate the diagnosis for a disturbances of the crankshaft signal	1x1
max. engine deceleration to calculate the diagnosis for a disturbances of the crankshaft signal	1x1
factor for gap criteria one	1x1
factor for gap criteria two	1x1
ratio to calculate the upper limit of the gap plausibility check of increment signal	4x1
factor crankshaft signal plausibility check high	4x1
factor crankshaft signal plausibility check low	4x1

Tolerance of the forwardpuls width of DGI crankshaft sensor	1x1
Tolerance of the backwardpuls width of DGI crankshaft sensor	1x1
engine speed threshold to switch off the crankshaft diagnosis	1x1
engine speed threshold to switch off the crankshaft diagnosis	1x1
engine speed threshold to switch off the crankshaft diagnosis	1x1
Engine speed to switch on the crankshaft diagnosis	1x1
engine speed threshold after which reverse DGI impulses are ssumed to be implausible	1x1
max speed for one increment period	1x1
min speed for one one increment period	1x1
min speed for one one increment period	1x1
min speed for one one increment period	1x1
array of speed thresholds for dynamic plaus	4x1
engine speed thresholds to set the number of crankshaft teeth to calculate the average for one tooth time	4x1
Permitted maximum number of angle differences which are above the maximum angle	1x1
step wide defect debouncing crankshaft disturbance	1x1
alternative decrement for error healing	1x1
max. number of disturbance until fault report crankshaft disturbance	1x1
min. number of plausible crankshaft revolutions until healing	1x1
number of teeth to supress crankshaft signal	1x1
number of camshaft revolutions until fault report ""no crankshaft signal	1x1
increment of debounce counter of wrong DGI stop position	1x1
maximum value for the debounce counterof wrong DGI stop position	1x1
increment for debouncing of DGI pulse length errors	1x1
maximum value for debouncing of DGI pulse length errors	1x1
increment for debouncing of DGI reverse pulses	1x1
maximum value for debouncing of DGI reverse pulses	1x1
number of crankshaft teeth to calculate average of tooth time	4x1
Permitted maximum angle difference between the relative angle of the angle clock and the relative angle provided by the tooth counter	1x1
threshold for angle of re-synchronisation after start by engine stop position for the error entry of DGI	1x1
Calibration value to reset the number of released re-synchronizations over all driving cycles	1x1
usage of terminal 50 information for crankshaft diagnosis	1x1
activate tooth time measurement	1x1
Switch off crankshaft diagnosis	1x1
Measurement of the crank-shaft tooth-times in S1-interrupt is activated (==1)	1x1
glitch filter time crankshaft signal	4x1
time to supress the crankshaft signal	1x1
Upper limit of car speed to deactivate the diagnosis	1x1
Lower limit of car speed to deactivate the diagnosis	1x1
switch crankshaft signal evaluation with DGI sensor (crankshaft sensor with reverse rotation detection)	1x1
switch crankshaft signal evaluation with DGI sensor (crankshaft sensor with reverse rotation detection)	1x1
codeword of reverse rotation detection (engine shut off and starter active detection)	1x1
factors for tooth time extrapolation	3x1
engine speed maximum for reverse rotation detection	1x1
maximal allowed reverse rotation angle	1x1
angle before TDC where reverse rotation detection is undefined	1x1
Selection switch for method of engine reverse rotation detection	1x1
Upper limit for tooth timeout of engine stop detection	1x1
Lower limit for tooth timeout of engine stop detection	1x1
max tooth periods with reverse rotation depending on temperature	3x1
Engine speed theshold, below that reverse rotation detection is active	1x1
max engine speed to perform a start interrupt	1x1
maximum angle which a interrupt is allowed to be delayed during start	2x1
maximum angle which a interrupt is allowed to be delayed during start	2x1
interrupt position before TDC during backup crankshaft	2x1
interrupt position related to TDC	2x1
interrupt position related to TDC	2x1
interrupt position related to TDC	2x1
interrupt position related to TDC	2x1
interrupt position related to TDC during start	2x1
interrupt position related to TDC during start	2x1
switch to activate/deactivate functionality of the sequence-manager	1x1
switch to activate/deactivate functionality of the sequence-manager	1x1
mask valid information in EpmCaS_dSegSeries_C	1x1
mask valid information in EpmCaS_dSegSeries_C	1x1
Engine speed depending angle error of crankshaft signal	4x1
No sync via engine stop position above this engine speed	1x1
In state EPM_MODE_VERIFY above this speed threshold no syncronisation until EPM_MODE_OK is reached.	1x1
physical firing sequence	4x1
physical firing sequence	4x1
physical firing sequence	4x1
physical firing sequence	4x1
number of the permissible re-synchronizations	1x1
maximal allowed tolerance of engine stop position compared to position if CaS and CrS signal during synchronisation	1x1
angle between crankshaft signal gap and zero of angle system in ECU	1x1
angle between crankshaft signal gap and zero of angle system in ECU	1x1
angle between crankshaft signal gap and zero of angle system in ECU	1x1
angle between crankshaft signal gap and zero of angle system in ECU	1x1
angle offset for quick sync with engine stop position	1x1
Prediced Angle tolerance of ATDC	1x1
Prediced Angle tolerance of BTDC	1x1
position of first TDC related to zero of angle system	1x1
Prediced Angle tolerance of BTDC	1x1
position of first TDC related to zero of angle system	1x1
position of first TDC related to zero of angle system	1x1
position of first TDC related to zero of angle system	1x1
position of first TDC related to zero of angle system	1x1
no synchronization before detection of crankshaft gap	1x1
Bit coded switch to select features in Epm_OpMode	1x1
Time in state EPM_MODE_LOCKRESYNC without any crankshaft signal	1x1
Time selection for speed prediction	1x1
Timeout until engine speed will be set to zero	1x1
Filtertime for PT1-Filtermodule to calculatethe average filtered enginespeed-gradient	1x1
Filtertime for PT1-Filtermodule to calculate filtered enginespeed-gradient	1x1
Engine speed limit for triggering OS_EngReStrt_Task by ESC	1x1
angle synchronous scheduling starts always with a S1 Task (calculation of PILOT injections)	1x1
Offset on ESUVRSET for healing the dump valve error	1x1
Threshold to set the dump valve error	1x1
Lower bound split efficiency for multiple injections	1x1
ignition efficiency depending on delta ignition angle	41x1
ignition efficiency depending on delta ignition angle,hom.-split injection	41x1
Lambda effeciency	10x1

Lambda effeciency	10x1
Lambda effeciency HSP	10x1
charge motion efficiency due variable intake camshaft phasing	9x1
Residual gas effectiveness	10x1
efficiency of fuel mass distribution beetwen 1st and 2nd Injection	1x1
Correction factor compressor efficiency	16x1
Etc_MaxReqTO_C	1x1
Etks_stDisableDetection_C	1x1
MAX-Threshold for average ignition retarding for reset of release of enrichment by component protection because of current operation point and average ignition retarding by knock control	1x1
MIN-Threshold for average ignition retarding for release of enrichment by component protection because of current operation point and average ignition retarding by knock control	1x1
K-factor for integrator (slope) for integarion of lambda by component protection because of current operation point and average ignition retarding by knock control	1x1
Lower rich limit close above temperature threshold for fuel cut-off	4x4
MIN-threshold for engine gradient for release of enrichment by component protection because of current operation point and average ignition retarding by knock control	1x1
max. engine speed for catalyst heating (catalyst warming) in dependence of catalyst temperature	6x1
max. engine speed for catalyst heating (during cold start) in dependence of relative heating progress	6x1
max. engine speed for catalyst heating (during cold start) in dependence of time after start	6x1
min. desired torque for catalyst heating (catalyst warming) in dependence of catalyst temperature	6x1
min. engine speed for catalyst heating (during electric start with cold engine) in dependence of relative heating progress	6x1
min. engine speed for catalyst heating (during electric start with cold engine) in dependence of time after start	6x1
map for lambda component protection in case of detected camshaft error (bank1)	12x16
curve for enrichment by component protection because of current operation point and average ignition retarding by knock control in dependence of engine speed	6x1
map for release of enrichment by component protection because of current operation point and average ignition retarding by knock control in dependence of engine speed and air charge	8x8
maximal allowed temperature inside catalyst 1 for component protection	1x1
maximal allowed temperature inside catalyst 1 for component protection	1x1
maximal allowed maximum temperature inside catalyst 1 for component protection	1x1
maximal allowed maximum temperature inside catalyst 1 for component protection	1x1
maximal temperature inside 1.catalyst for enable of cut off	1x1
hysteresis of threshold for deactivation of wiper functionality in dependence of temperatur in first catalyst	1x1
threshold for deactivation of wiper functionality in dependence of temperatur in first catalyst	1x1
maximal allowed temperature inside catalyst 2 for component protection	1x1
maximal allowed maximum temperature inside catalyst 2 for component protection	1x1
maximal exhaust temperatur in 2. catalyst for enable of cut off	1x1
temperature hysteresis for max. allowed scavenging dilution factor because of temperature thresholds for reduction of scavenging air mass	1x1
temperature threshold at which the scavenging air mass must be reduced to zero (delta temperature threshold related to temperature threshold inside catalyst)	4x4
temperature threshold at which the scavenging air mass must start (delta temperature threshold related to temperature threshold plus delta threshold)	4x4
temperature threshold at which the engine lambda must be reduced to 1	4x4
threshold engine temperature for release of enrichment by component protection because of current operation point and average ignition retarding by knock control	1x1
maximal allowed exhaust temperature downstream of catalyst 1 for component protection	1x1
maximal allowed exhaust temperature in front of catalyst 1 for component protection	1x1
maximal exhaust temperatur downstream of 1. catalyst for enable of cut off	1x1
maximal exhaust temperatur upstream of 1. catalyst for enable of cut off	1x1
hysteresis exhaust gas temperature upstream of catalyst1 for predicted component protection at high spark retardation	1x1
Threshold exhaust gas temperature upstream of catalyst1 for predicted component protection at high spark retardation	1x1
Threshold for exhaust temperature upstream of 1.catalyst to activate specific enrichment for high loads and low gear (climbing steep slopes)	4x1
hysteresis for threshold for enabling for determination of maximal allowed engine lambda for component protection in case of scavenging in dependence of temperature upstream of 1. catalyst	1x1
threshold for enabling for determination of maximal allowed engine lambda for component protection in case of scavenging in dependence of temperature upstream of 1. catalyst	1x1
maximal allowed exhaust temperature downstream of catalyst 2 for component protection	1x1
maximal allowed exhaust temperature in front of catalyst 2 for component protection	1x1
maximal exhaust temperatur downstream of 2. catalyst for enable of cut off	1x1
maximal exhaust temperatur upstream of 2. catalyst for enable of cut off	1x1
Exhaust gas temperature downstream exhaust valve (modeled) for component protection	1x1
maximal exhaust temperatur upstream of 2. catalyst for enable of cut off	1x1
Exhaust gas temperature downstream exhaust valve (modeled) for component protection	1x1
maximal allowed Exhaust gas temperature downstream manifold for component protection	1x1
hysteresis of threshold for deactivation of wiper functionality in dependence of exhaust temperatur inside of exhaust manifold	1x1
threshold for deactivation of wiper functionality in dependence of exhaust temperatur inside of exhaust manifold	1x1
time constant for change velocity of lambda for mega knock	1x1
time delay for status for release of enrichment by component protection because of current operation point and average ignition retarding by knock control	1x1
filter time constant for engine for calculation of engine gradient for release of enrichment by component protection because of operation point and ignition retarding by knock control	1x1
minimal delta temperature for 1. catalyst for the condition torque reduction by injection fade out, component protection	1x1
minimal temperature for 1. catalyst for the condition torque reduction by injection fade out, component protection	1x1
hysteresis for distance to temperature-threshold for cylinder-individual fuel cut-off, 1. catalyst	1x1
distance to temperature-threshold for cylinder-individual fuel cut-off, 1. catalyst	1x1
minimal delta temperature for 2. catalyst for the condition torque reduction by injection fade out, component protection	1x1
minimal temperature for 2. catalyst for the condition torque reduction by injection fade out, component protection	1x1
hysteresis for distance to temperature-threshold for cylinder-individual fuel cut-off, 2. catalyst	1x1
distance to temperature-threshold for cylinder-individual fuel cut-off, 2. catalyst	1x1
delta threshold to temperature threshold for activation of rich component protection because of gas temperature	1x1
Exhaust temperature hysteresis for shut-off of component protection because of catalyst temperatures	1x1
Distance to threshold of fuel cut-off until which lower rich limit is required after fuel feed restart	1x1
Lower rich limit close above temperature threshold for fuel cut-off	4x1
Minimum distance to critical limits of temperatures near catalysts from where component protection active	1x1
Minimum distance to critical limits of temperatures near catalysts from where component protection active	1x1
delta threshold to temperature threshold for activation of rich component protection because of catalyst temperatures	1x1
Exhaust temperature hysteresis for shut-off of component protection because of gas temperatures	1x1
Minimum distance to critical limits of exhaust gas temperatures upstream of catalysts where component protection active	1x1
Minimum distance to critical limits of exhaust gas temperatures upstream of catalysts where component protection active	1x1
Distance to critical temperature limits for enrichment from which lower rich limit is withdrawn	1x1
Additional distance to critical limits of exhaust temperatures for component protection due to implausible exhaust gas temperature model by error of camshaft	1x1
Additional distance to critical limits of exhaust temperatures for component protection due to implausible exhaust gas temperature model	1x1
Additional distance to critical limits of exhaust temperatures for component protection due to implausible exhaust gas temperature model by error of oxygen sensor	1x1
maximum allowed temperature in first catalyst for calculation of maximum allowed scavenging air mass (component protection)	1x1
threshold wall temperature manifold for component protection	1x1
maximal allowed temperature at exhaust manifold for component temperature in dependence of wall temperature	4x4
Characteristic map temperature-dep. factor in pressure gradient catalysts	2x6
absolute thermal capacity pipes and catalyst bricks bank 1	11x1
absolute thermal capacity valve bank 1	1x1
absolute thermal capacity valve (dynamic model filter) bank 1	1x1
enthalpie HC cylinder cut off	1x1
enthalpie rich exhaust	1x1
reduction factor of heat quantity threshold for dew-point end detection for TSP sensor 1 without catalyst heating, bank 1	7x7
reduction factor of heat quantity threshold for dew-point end detection for TSP sensor 1	7x7
lambda correction exothermal temperature increase in catalyst bank 1	2x7
interpolation factor cooling curve	5x6
interpolation factor temperature environment bank 1	11x5
correction mass flow for scavenging	1x1
Factor time constant for successive filtering of gas temperatures	6x1
temperature correction engine bank 1	11x1
Correction temperature environment depending on temperature engine bank 1	5x1
correction temperature exhaust at valve homogenous-split mode catalyst heating for ignition angle bank 1	6x6
correction temperature exhaust at valve homogenous mode for ignition angle bank 1	6x6

correction temperature exhaust at valve homogenous-split mode for ignition angle bank 1	6x6
correction temperature exhaust at valve homogenous-split mode catalyst heat sustain for ignition angle bank 1	6x6
lambda correction exhaust temperature at valve bank 1	6x12
weighting factor manifold catalyst exothermy cylinder cut-off depending on lambda	8x8
weighting factor manifold catalyst exothermy cylinder cut-off depending on temperature bank 1	8x1
weighting factor manifold catalyst exothermy scavenging depending on lambda bank 1	5x5
weighting factor manifold catalyst exothermy scavenging depending on temperature bank 1	5x1
heat transfer coefficent exhaust gas valve bank 1	12x1
heat transport coefficient exhaust wall bank 1	7x12
heat transfer coefficent valve environment bank 1	1x1
heat transport coefficient wall environment bank 1	11x7
index initialisation section	11x1
Configuration array sensor positions	2x1
Configuration array sensor positions	2x1
Configuration array temperatures catalyst 1	4x1
Configuration array temperatures catalyst 2	4x1
Configuration array exhaust gas temperatures	3x1
Number of iterations pressure drop calculation catalysts	1x1
maximum value cold start counter for TSP fast release feature sensor 1	1x1
Characteristic map mass flow-dependent factor in press. gradient catalysts	12x2
Offset on ambient pressure for the exhaust backpressure model	1x1
pressure ratio turbo charger with polytropic exponent	5x9
threshold relative air filling scavenging	1x1
configuration array exhaust system bank 1	11x1
configuration array exhaust system bank 1	11x1
configuration array exhaust system bank 1	11x1
codeword first catalyst first brick	1x1
Code word modelization of af-ratio values in exhaust gas system	1x1
Code word regulation oxygen storage capability	1x1
codeword for the assignment of the exhaust temperatures at cat 1 with application values	1x1
codeword for the assignment of the exhaust temperatures at cat 2 with application values	1x1
Codeword for additional filtering of exhaust gas temperatures	1x1
codeword for the assignment of the exhaust temperatures in manifold, first pipe and Y-configuration with application values	1x1
codeword for the assignment of the exhaust temperatures at the sensors with application values	1x1
Codeword for exothermic modells (internal)	1x1
codeword temperature modell	1x1
codeword temperature modell	1x1
codeword temperature modell	1x1
codeword for ExhMod_StTspSnsrRels	1x1
codeword for the assignment of the wall temperatures at the sensors with application values	1x1
array time constants for additional filtering of exhaust temperatures in catalyst 1, bank 1	4x1
array time constants for additional filtering of exhaust temperatures in catalyst 2, bank 1	4x1
array time constants for additional filtering of exhaust temperature in manifold, first brick and Y-configuration, bank 1	3x1
array time constants for additional filtering of exhaust temperature at the sensors, bank 1	2x1
exothermy cold catalyst bank 1	2x1
exothermy fuel cut-off	6x6
exothermy catalyst bricks homogenous operation bank 1	4x11
exothermy catalyst bricks homogenous-split-operation bank 1	4x11
exothermy catalyst bricks homogenous-split-operation catalyst heating bank 1	4x11
exothermy catalyst bricks homogenous-split-operation catalyst heat sustain bank 1	4x11
application array for the exhaust temperatures at cat 1	4x1
application array for the exhaust temperatures at cat 2	4x1
initialisation temperature exhaust gas bank 1	11x1
application array for the exhaust temperatures at the sensors	2x1
exhaust temperature valve with offset correction bank 1	4x5
exhaust temperature valve fuel cut off bank 1	1x1
exhaust temperature valve homogenous mode with exhaust gas recirculation bank 1	11x1
time constant exothermy fuel cut-off	4x1
time constant pressure ratio	1x1
time constant turbocharger	1x1
time constant exhaust temperature fuel cut-off bank 1	8x1
initialisation temperature for power fail	1x1
application array for the exhaust temperatures in manifold, first pipe and Y-configuration	3x1
temperature threshold ignition catalyst bank 1	2x1
application array for the wall temperatures at the sensors	2x1
Voltage threshold cat purge catalyst 1 bank 1	1x1
Voltage threshold cat purge	1x1
Voltage threshold cat purge	1x1
Curve exponent 1/Kappa	9x1
Curve exponent Kappa	9x1
Curve function with exponent 1/Kappa	9x1
KLAF for scavenging	10x1
KLAF for reaspirated inert gas	10x1
Number of intervals for enabling fuel cutoff	1x1
factor for theshold for detection of asymmetric multiple misfires	1x1
correction factor afterrun time	4x1
Hysteresis threshold Hi delta value of coolant pressure	1x1
Hysteresis threshold Hi value of coolant pressure depends on vehicle speed	5x1
Hysteresis threshold Hi of E-Comp coolant pressure prohibition	1x1
Hysteresis threshold Low of E-Comp coolant pressure prohibition	1x1
Hysteresis threshold Hi of coolant pressure prohibition	1x1
Hysteresis threshold Low of coolant pressure prohibition	1x1
AC coolant pressure sensor status	1x1
Hysteresis threshold Hi for coolant temperature	1x1
Radiator fan LoHi contol, Lo mode implement water temperature (Hysteresis Hi)	1x1
Radiator fan LoHi control, Lo mode implement water temperature (Hysteresis Lo)	1x1
Hysteresis threshold Lo for coolant temperature	1x1
fan afterrun time	1x1
fan afterrun time	4x1
Time delay for Immediate High stage ON	1x1
Delay time for fan activation after starting cut-out	1x1
Delay Time for reserve torque for Fan 1	1x1
Delay Time for reserve torque for Fan 2	1x1
Hysteresis threshold Hi of vehicle speed for FanCtl demand of AC	1x1
FanDig0_ATS.LimitTypeMsk_C	1x1
FanDig0_ATS.CnvNorm_C	1x1
FanDig0_ATS.LowLim_C	1x1
FanDig0_ATS.UpLim_C	1x1
FanDig0_ATS.CnvFac_C	1x1

FanDig0_ATS.CnvOfs_C	1x1
FanDig0_ATS.DfltVal_C	1x1
FanDig1_ATS.LimitTypeMsk_C	1x1
FanDig1_ATS.CnvNorm_C	1x1
FanDig1_ATS.LowLim_C	1x1
FanDig1_ATS.UpLim_C	1x1
FanDig1_ATS.CnvFac_C	1x1
FanDig1_ATS.CnvOfs_C	1x1
FanDig1_ATS.DfltVal_C	1x1
Time Delay for Filtering of static Torque Consumed of Fan 1	1x1
Time Delay for Filtering of static Torque Consumed of Fan 2	1x1
Time Delay Off of static Torque Reserve for Fan 1 running	1x1
Time Delay Off of static Torque Reserve for Fan 2 running	1x1
Time Delay for Filtering of static Torque Reserve of Fan 1	1x1
Time Delay for Filtering of static Torque Reserve of Fan 2	1x1
Mapping between PWM signal of Fan_r and the resulting static torque consumed for Fan 1	2x1
Mapping between PWM signal of Fan_r and the resulting static torque consumed for Fan 2	2x1
Reserve Torque Consumed for Fan 1	1x1
Curve to determine the equivalent torque as per the request for Fan 1	4x1
Reserve Torque Consumed for Fan 2	1x1
Curve to determine the equivalent torque as per the request for fan 2	4x1
Structure containing parameters for Digital output power stage error handling for Fan / Time between tests for SCB error	1x1
Structure containing parameters for Digital output power stage error handling for Fan / Time between tests for OT error	1x1
Structure containing parameters for Digital output power stage error handling for Fan / Maximum number of tests allowed on permanent defect	1x1
Structure containing parameters for Digital output power stage error handling for Fan / Time between tests for SCB error	1x1
Structure containing parameters for Digital output power stage error handling for Fan / Time between tests for OT error	1x1
Structure containing parameters for Digital output power stage error handling for Fan / Maximum number of tests allowed on permanent defect	1x1
High threshold of hysterisis to set digital fan power stage output to true	2x1
Low threshold of hysterisis to set digital fan power stage output to true	2x1
aplication array for disabling the digital fan compressor powerstage diagnosis	2x1
aplication array for disabling the digital fan compressor powerstage	2x1
Position of element in Fan_rPs	1x1
factor for increasing the 1. cat-interval, misfire detection	1x1
Factor correction of learning speed canister charge (depends on spec. fuel am.)	5x1
Factor corretion of learning speed canister charge: f(fkastexm_w)	5x1
Threshold for fssp_w	1x1
Factor difference of modeled HFM air mass flows	1x1
Factor difference of modeled HFM air mass flows for Condition function request	1x1
Factor difference of modeled HFM air mass flows fo rHealing	1x1
difference to limit for enabling the diagnoses dump valve depending on temperature upstream throttle	1x1
lower limit for enabling the diagnoses dump valve depending on temperature upstream throttle	1x1
Threshold faktor massflow intake manifold	1x1
Threshold faktor massflow eductor pump	1x1
Factor pressure ratio combustion chamber hysteresis back filtering	1x1
factor matching controller	1x1
weighting factor (intake-pressure dep.) for zwmn-offs.	5x1
scavenging rate, above higher tolerances of air charge are expected	1x1
lower threshold, above higher tolerances of air charge are expected(for scavenging)	1x1
lower threshold, above higher tolerances of air charge are expected(for scavenging)	1x1
upper threshold, below higher tolerances of air charge are expected(for scavenging)	1x1
lower threshold, above higher tolerances of air charge are expected(for low manifold pressure)	1x1
upper threshold, below higher tolerances of air charge are expected(for low manifold pressure)	1x1
lower threshold, above higher tolerances of air charge are expected(for low manifold pressure)	1x1
threshold for upper limit of the mult.rate of air charge balancing	1x1
threshold for upper limit of the mult.rate of air charge balancing relating to 2. air signal fault	1x1
threshold for lower limit of the mult.rate of air charge balancing	1x1
threshold for lower limit of the mult.rate of air charge balancing relating to 2. air signal fault	1x1
lower limit for air charge correction depending on ignition efficiency	1x1
upper limit for air charge correction depending on ignition efficiency	1x1
factor for reducing engine efficiency of catalyst heating in case of a cold start idue to active climate compressor	1x1
parameter for adaption of nominal engine efficiency for demonstration of a fault by idle	1x1
parameter for adaption of nominal engine efficiency for demonstration of a fault by part load	1x1
characteristic line: reduction of engine efficiency as f(nmot)	5x1
limit for ignition efficiency	8x1
factor for increasing integration speed integrator FRA_IK in case of error suspicion	1x1
Minimum factor fupsrl due to model tolerances	1x1
Maximum factor fupsrl due to model tolerances	1x1
Filterfactor for the lowpass of the average of the ignition angle output	1x1
weighting factor forcorrection of a desired min. torque window in dependency of engaged gear	5x1
weighting factor for correction of a desired max. torque window in dependency of engaged gear	5x1
Delta hysteresis exhaust gas mass flow to avoid toggling	1x1
Delta hysteresis engine speed to avoid toggling	1x1
weightingfactor extrap. manifold pressure / manifold pressure of throttle	1x1
Threshold exhaust gas mass flow enabling wastegate special position	1x1
Threshold engine speed enabling wastegate special position	1x1
Factor rail pressure setpoint gradient dependant on actual rail pressure	1x1
Delta hysteresis car speed to avoid toggling	1x1
Threshold car speed enabling wastegate special position	1x1
max. value of fr depending mass-flow reduction	1x1
thresold for purge rate reduction because of fr-controller deviations	1x1
altitude threshold for performing of ISC-actuator diagnosis	1x1
factor HFM tolerance for min value	1x1
factor HFM tolerance for max value	1x1
lower altitude threshold for diagnosis CPV active	1x1
minimum altitude threshold to enable diagnosis of engine efficiency during catalyst heating	1x1
minimum altitude threshold to enable catalyst heating	1x1
Factor correction by altitude dependig on ratio boost pressure upstream throttle to ambient pressure	6x1
increase factor for filter mutiple misfire detection	1x1
filter factor multiple misfire detection	1x1
Factor for interpolation to pulsation correction for wide opend throttle	10x1
Interpolation factor for pulsation correction depending on pressure ration at throttle valve	10x1
Portion of the overtravel as of which the maximum mass flow flows	5x1
limitation of the specific purge fuel amount based on Ratio total charge to charge in cylinder	5x1
minimum of the range of fkakormt_w for identification of mixture error suspicion	1x1
maximum of the range of fkakormt_w for identification of mixture error suspicion	1x1
progression for opening speed spec. purge fuel amount	5x1
characteristic line max. spec. fuel amount = F(integr. purge flow after TE-Stop)	5x1
Characteristic line fuel portion depending on te / TEMIN	4x1
factor purge fuel amount for enabeling BDE mode change	1x1
factor purge fuel amount for enabeling BDE mode change	1x1

Slope straight line dump valve opens	1x1
correction factor for knock detection thresh. in case of change of filter frequ.	1x1
Corrective factor for knock detection threshold for adaptation of load dynamic	1x1
line for weighting factor for calculation of expected scavenging dilution factor in dependence of current operation point in dependence of altitude	4x1
Minimum integrator adaptation value for fupsrl adaptation	1x1
Maximum integrator adaptation value for fupsrl adaptation	1x1
threshold terminating factor catalyst heating	1x1
Output of KLAF in event of PSPVDKUG	1x1
low limit for fast mass-flow correction of throttle valve	1x1
high limit for fast mass-flow correction of throttle valve	1x1
factor for calculation of max. allowed scavenging air mass for determination of maximal allowed engine lambda	1x1
factor for calculation of max. allowed scavenging air mass for determination of maximal allowed engine lambda	1x1
Lower threshold correction factor slow air charge balancing	1x1
Upper threshold correction factor slow air charge balancing	1x1
Lower threshold correction factor fast air charge balancing	1x1
Upper threshold correction factor fast air charge balancing	1x1
lower limit for mass-flow correction of throttle valve	1x1
Threshold normed desireds air mass flow for enable adaption of fkpvdk	1x1
Threshold normed desireds air mass flow for enable adaption of fkpvdk	1x1
high limit for mass-flow correction of throttle valve	1x1
pressure ration for enable adaption of fkpvdk	1x1
Press. ratio from which on fkpvdk_w will not be calculated anymore	1x1
Press. ratio from which on fkpvdk_w will not be calculated anymore	1x1
Max. value of correction factor HDEV for rk while AFIM diagnosis (for functional monitoring)	1x1
Max. value of correction factor HDEV for rk (for function monitoring)	1x1
factor high pressure start pre-injection	4x1
Slope straight line dump valve opens	1x1
Interpolation factor temperature for drag torque calculation	1x1
characteristic of Saint-Venant	30x1
characteristic of Saint-Venant	30x1
scavengingrate to enable special cat monitoring	1x1
flamlu-Hysteresis (left Limit) to enable purge control during scavenging	1x1
flamlu-Hysteresis (right Limit) to enable purge control during scavenging	1x1
min. allowed scavenging dilution factor because of component protection	1x1
release of calculation algorithmus for limitation of engine lambda	1x1
temperature threshold for related ignition timing for component protection	1x1
temperature threshold for related ignition timing for Brennbarkeitsgrenze	1x1
Calibratation label for Controller	1x1
lower limit i-part boost pressure controller	1x1
upper limit i-part boost presssure controller	1x1
Scaling factor i-part	1x1
maximal allowed changing of fsof1_w during catalyst heating for condition adaptation ready	1x1
Factor max. positive gradient for air charge limitation from fuel supply.	1x1
maximum difference between actual rail pressure and set rail pressure (prist prsoll) for deactivation of MSV if fuel cutt off is active	4x1
Factor for purge flow directly entering into manifold	4x1
flamlu threshold to activate the limitation of desired fuel portion purge control in scavenging mode	1x1
maximum value for calculated filter characteristic of fluts filter	1x1
filter value for flutsk_w lowpass	1x1
filter value for flutsk_w lowpass	1x1
Factor: mass CO2 per fuel liter (E0) in g/L	1x1
filter selection knock control	8x5
Factor: mass CO2 per fuel liter (E0) in g/L	1x1
filter selection knock control	8x5
Factort for filtering of msdk in %GGHFM	1x1
Massflow threshold ton enable enable evaluation difference distance measured HFM value to min modeled diagnosis threshold	1x1
Minimum factor msndk due to rise tolerances of the throttle valve	1x1
Maximum factor msndk due to rise tolerances of the throttle valve	1x1
Factor max masflow-amplitude depending on pulsation	1x1
Factor min masflow-amplitude depending on pulsation	1x1
threshlod for dynamic factor camshaft for change over to seperate map for desired engine lambda	1x1
threshlod for dynamic factor camshaft for change over to seperate map for expected scavenging dilution factor	1x1
delta-correction for install of I-Part	4x1
Minimum value for factor in case of afterstart or warm-up	1x1
factor for desired engine-speed correction	1x1
after start increase	12x1
after start increase in case of homogeneous lambda split	12x1
Engine temperature dependent correction of low idle speed setpoint guidance during cat heating	6x1
Engine temperature dependent correction of low idle speed setpoint guidance not during cat heating	6x1
max. afterstart/warm up-enrichment for torque monitoring	1x1
code to deactivate the fuel-off adaptation	1x1
maximal allowed deviation of fsofmedi_w from fseof1_w	1x1
maximal allowed deviation of fsof1kh from fseof1kh	1x1
factor for increasing integration speed integrator ORA_IK in case of error suspicion	1x1
output duty cycle CPV for pressure reduction in switchoff	1x1
Delay time until opening CPV in switchoff	1x1
opening time of CPV for pressure reduction in switchoff	1x1
factor P-part HDR if fuel temperature is not valid	1x1
Factor reduced intake manifold pressure through pulsations is max	1x1
Factor: Increased intake manifold pressure due to pulsations	1x1
Factor mul. with desired manifold pressure, enable WOT of throttle position if actual position is higher than facotr * desired pressure	1x1
multiplivative factor of ambient pressure for activation of maximum air charge dynamic by camshaft	5x1
WOT depending on engine speed	8x1
factor for pressure ratio maximum for load prediction	1x1
WOT depending on engine speed	8x1
factor for pressure ratio maximum for load prediction	1x1
factor for pressure ratio at cranking	1x1
throttle angle dependent on accelerator pedal position, only for calibration	8x1
Threshold of changes in frai_w from last driving cycle when the lamda sonde not yet i.O tested	1x1
lower fault detection value FRA	1x1
upper fault detection value FRA	1x1
lower limit of correction factor fra	1x1
upper limit of correction factor fra	1x1
threshold for upper limit of the mult. rate of mixture adaption	1x1
reduced lower limit of correction factor fra	1x1
threshold for lower limit of the mult. rate of mixture adaption	1x1
Interpolation factor - minimum reduction stage	1x1
Interpolation factor - maximum reduction stage	1x1
strategy for computation of desired reduction stage (based on specific request)	1x1
Factor on rir_w for computation of labbrm_w	1x1
factor, relative fuel mass for application	1x1
Array cylinder individual factor, relative fuel mass for appli	4x1
Factor matching relative fuel quantity in light load activation	1x1
Maximum tolerance of the calculated relative fuel mass in function monitoring	1x1

Min. tolerance for the rel.fuel mass from air in function monitoring	1x1
Factor conversion rk to mk	1x1
correction factor for reference pegel during initialization	1x1
Factor for minimum permissible rkte_w	1x1
factor for check of minimal rkte from purge control in function monitoring	1x1
factor for maximum permissible rkte_w	1x1
max. tolerance of injection time calculated from relative fuel mass	1x1
max. tolerance of injection time calculated from relative fuel mass	1x1
lower limit of reduction factor for maximum air charge if component protection reaches rich burning limit	1x1
correction factor rlmin depending on altitude	5x1
correction factor rlmin depending on engine temperature	5x1
Factor max. air charge limitation from fuel supply dependent on max. air charge	1x1
Factor max. air charge limitation from fuel supply dependent on max. air charge during limp home operation	1x1
factor for reducing maximum filling	8x1
factor for the 2. stage of air charge reduction	1x1
upper limit of control range	1x1
lower limit of control range	1x1
Lean limit of lambda controller in case of catalyst heating with secondary air	1x1
maximal permissible factor air-fuel-ratio control in monitoring function	1x1
decay of filter constant for fsof1_w calculation	1x1
decay of filter constant for fsof1_w calculation (for end of line test)	1x1
decay of filter constant for fsof1_w calculation (for end of line test)	1x1
filter constant for fsof1kh calculation during catalyst heating	1x1
start value of filter constant for fsof1_w calculation	1x1
start value of filter constant for fsof1_w calculation (for end of line test)	1x1
end value of filter constant for fsof1_w calculation	1x1
end value of filter constant for fsof1_w calculation (for end of line test)	1x1
plausibility limit for fuel-off correction value at catalyst heating	1x1
correction factor for knock detection thresh. in case of change of filter frequ. in superknock window	1x1
correction factor for knock detection threshold with engine-speed dynamics in superknock window	1x1
correction factor for knock detection threshold with engine-speed dynamics in superknock window	1x1
number of failed plausibility checks for permanently switch to fsrst map	1x1
filter value for adaptation values fsr_w	1x1
factor: control speed of sec. purge fuel rate controller	1x1
curve of threshold for fsr / fsrst plausibility check	6x1
threshold offset for fsr / fsrst plausibility check during catalyst heating	1x1
Threshold for sum of fsrst-values unplausible	1x1
Primary fuel-tank volume-change threshold for sensor-stuck detection	1x1
minimum fuel level for check filler cap open	1x1
maximum fuel level for check filler cap open	1x1
minimum fuel level for diagnostic functions	1x1
maximum fuel level for diagnostic functions	1x1
tolerance fuel level dynamic	1x1
Hysteresis for fuel level thresholds	1x1
Low-fuel level threshold	1x1
high level threshold	1x1
fuel level replacement value	1x1
maximum fuel tank capacity	1x1
fuel level replacement value from tank leak diagnosis	1x1
Learning speed fuel component regeneration gas in GDI mode homogeneous-stratified (double injection)	1x1
Learning speed fuel component regeneration gas in open loop mode fuel purge	1x1
Learning speed fuel component regeneration gas in GDI mode stratified	1x1
Learning speed fuel component regeneration gas in open loop mode fuel purge	1x1
Learning speed fuel component regeneration gas in GDI mode stratified	1x1
Threshold canister load for starting engine air mass integral	1x1
Threshold canister load for reset engine air mass integral	1x1
maximum value purge control adaptation	1x1
minimum limitation purge control adaptation homogenous mode	1x1
Minimum threshold canister load for prohibition engine stop	1x1
Maximum threshold canister load for prohibition engine stop	1x1
Minimum threshold reset HC-load open loop mode fuel purge	1x1
load threshold for reset from medium load to low load	1x1
load threshold for set from medium load to high load	1x1
detection high canister load at startstop system for DTESK	1x1
characteristic max. percentage of purge valve opening while air fuel imbalance	4x1
characteristics max. percentage of purge valve opening based on Ratio total charge to charge in cylinder	4x1
factor body temp.	1x1
Char. curve: factor temp. °C for massflow (root)	16x1
Char. curve: factor temp. °C for massflow (root)	16x1
initialization value for weighting factor oiltemperature in cylinder-head	1x1
Factor time pause for definition of the time pause between 1st and 2nd injection in HP3 for application use	1x1
Temperature factor for air at throttle valve	16x1
Factor delay time correction by temperature of the sucked in air	4x1
Delay factor: max. DK angle	1x1
Opening time for interval ignition	1x1
Factor transient control direct injection	1x1
Factor transient control direct injection at splitted injections	1x1
initial value of transient control post-start factor	9x1
map for high pressure canister load	8x8
Calculation factor pressure to load minimum	1x1
Calculation factor pressure to load maximum	1x1
weighting factor of deceleration during post-cranking	1x1
Fact. volume f. input angle to stroke volume of a cylinder	20x1
Fact. volume f. input angle to stroke volume of a cylinder	20x1
Fact. volume f. input angle to stroke volume of a cylinder	20x1
Threshold of the factor for the 2. stage air charge reduction	1x1
characteristic line: filter factor for purge flow in the manifold with fresh air	6x1
dynamic factor delay of purge flow in the manifold	5x1
threshold for indication of an error suspicion in LRA after reset of adaptationvalues	1x1
threshold for indication of an error suspicion in LRA	1x1
dynamic factor for purge flow in the manifold with fresh air	5x1
Factor for hysteresis on throttle valve angle during which 95% charge is reached	1x1
Factor to define injection center position between injection begin and end angle	1x1
factor restart fuel mass dependent of desired torque	6x1
factor temperature restart fuel mass	9x1
Calibration factor PI-controller parameter HDR; integrational part	8x1
Threshold for Enabling Mode change from HSP	1x1
Calibration value for factor camshaft angle outlet	1x1
Calibration value for factor camshaft angle intake	1x1
Calibration factor PI-controller parameter HDR; proportional part	8x1
factor for ign. sync. decreasing of afterstart enrichment in range 1 for HSP	12x1
factor for ign. sync. decreasing of afterstart enrichment in range 2 for HSP	12x1
factor for ign. sync. decreasing of afterstart enrichment in range 3 for HSP	12x1

factor for ign. sync. decreasing of afterstart enrichment at hot start range 1	6x1
factor for ign. sync. decreasing of afterstart enrichment at hot start range 2	6x1
factor for ign. sync. decreasing of afterstart enrichment above SZANSSM	12x1
factor for ign. sync. decreasing of afterstart enrichment below SZANSSM	12x1
factor for ign. sync. decreasing of afterstart enrichment in range 3	12x1
time constant correction factor related to gangi	6x1
time constant correction factor related to tmot	6x1
Factor for reduction of spark retard in HOM after switch-over from HSP	1x1
GbxRevLck_ATS.LimitTypeMsk_C	1x1
GbxRevLck_ATS.CnvNorm_C	1x1
GbxRevLck_ATS.LowLim_C	1x1
GbxRevLck_ATS.UpLim_C	1x1
GbxRevLck_ATS.CnvFac_C	1x1
GbxRevLck_ATS.CnvOfs_C	1x1
GbxRevLck_ATS.DfltVal_C	1x1
Structure containing parameters for electrical power stage diagnosis for reverse gear lock actuator / Maximum number of test impulses possible in one driving cycle.	1x1
Structure containing parameters for electrical power stage diagnosis for reverse gear lock actuator / Time between test in case a short circuit or open load is detected.	1x1
Structure containing parameters for electrical power stage diagnosis for reverse gear lock actuator / Time between test when an over temperature error is detected.	1x1
Flag to enable the calculation of counter shaft speed based on average tooth period	1x1
Flag to enable the calculation of Main shaft speed based on average tooth period	1x1
Switch for enabling and disabling PT1 filter for counter shaft	1x1
Flag to enable the calculation of Main shaft speed based on average tooth period	1x1
Switch for enabling and disabling PT1 filter for counter shaft	1x1
Switch for enabling and disabling PT1 filter for Main shaft	1x1
Default value of counter shaft speed in case of error	1x1
Default value of main shaft sensor in case of error	1x1
Speed difference threshold between layshaft and gearbox input speed, when splitter gear is not engaged, above which plausible error is reported	1x1
Number of tooth present on the counter shaft layout wheel	1x1
Number of tooth time period of counter shaft to be considered for Average tooth period calculation	1x1
Number of tooth present on the Main shaft layout wheel	1x1
Number of tooth time period of Main shaft to be considered for Average tooth period calculation	1x1
Calibration for calculating transmission output shaft speed	1x1
Time period since clutch pedal is released after which the plausible error check of layshaft speed is enabled	1x1
Time constant of PT1 filter to filter the raw counter shaft speed signal	1x1
Time constant of PT1 filter to filter the raw main shaft speed signal	1x1
Threshold value for the Vehicle velocity, above which plausible error is reported	1x1
Demand parameter for AST intervention	1x1
Factor for the correlation of neutral position analog sensor 1	1x1
Calibration for Operation of N control execution flag	1x1
Calibration for N control return judgement flag at brake ON	1x1
Threshold of distance after detection of reverse switch ON stuck error	1x1
requested gear speed	1x1
Structure for debounce times of Gearbox Neutral Position signal / Time for a High to Low transition	1x1
Structure for debounce times of Gearbox Neutral Position signal / Time for a Low to High transition	1x1
Structure for debounce times of Gearbox Neutral Position signal / Time for a High to Low transition	1x1
Structure for debounce times of Gearbox Neutral Position signal / Time for a Low to High transition	1x1
Debouncing Parameters structure for Gearbox reverse position switch / Time for a High to Low transition	1x1
Debouncing Parameters structure for Gearbox reverse position switch / Time for a Low to High transition	1x1
Gearbox N Control selection parameter	1x1
Calibration for Start-Stop System Error of the Neutral Gear Sensor	1x1
Oil pump load filter selection parameter	1x1
Oil pump load selection parameter	1x1
Calibration value to enable/disable diagnosis of powerstage under certain battery conditions and engine states	1x1
Oil pump load selection parameter	1x1
Calibration value to enable/disable diagnosis of powerstage under certain battery conditions and engine states	1x1
Calibration value to enable/disable powerstage under certain battery conditions and engine states	1x1
Switch to invert the neutral position status coming from analog neutral sensor-A	1x1
Gearbox Reverse Position selection switch	1x1
Selection switch for reverse switch ON stuck error	1x1
Signal source selection switch for gearbox neutral position evaluation	1x1
Time constant to filter raw value of analog neutral sensor-A output	1x1
Time constant to filter raw value of analog neutral sensor-A output	1x1
Oil pump load filter timing parameter	1x1
Delay time for detection of normal behaviour of reverse switch	1x1
Calibratable debounce time to delay the alive check when FId_GbxAlvChk is changed from inhibited to released state	1x1
Default Calibration for Gbx_trqOilPmplos_C	1x1
Calibration for Gearbox AT accelerator max learned voltage	1x1
Curve for determining the maximum deviation of values from sensor-A and sensor-B	11x1
Upper range value to indicate neutral position of Sensor-A	1x1
Lower range threshold value to indicate neutral position of Sensor-A	1x1
Upper threshold to indicate short to Battery error for analog neutral sensor-A value	1x1
Lower threshold to indicate short to Ground error for analog neutral sensor-A value	1x1
Upper threshold to indicate short to Battery error for analog neutral sensor-B value	1x1
Lower threshold to indicate short to Ground error for analog neutral sensor-B value	1x1
Battery voltage threshold for reverse switch ON stuck error	1x1
hold time for condition gear changed in function DMDZMS	1x1
Tolerable setpoint-actual angle deviation until the adjustment stop of the outlet camshaft is activated	5x5
Angle inlet valve opened in locking position relative to TDC	1x1
Angle outlet valve closed in locking position relative to TDC	1x1
Max. perm. deviation of desired position of intake camshaft to reference pos. of fine adaptation	1x1
Max. perm. deviation of desired position of exhaust camshaft to reference pos. of fine adaptation	1x1
Max. perm. deviation of desired position of exhaust camshaft to reference pos. of fine adaptation for special cam profile	1x1
maximal delta angle to reference position to get direct adaptation release	1x1
max value of desired angle of inlet camshaft opens at 1mm lift	1x1
max value of desired angle of outlet camshaft opens at 1mm lift	1x1
max value of desired angle of inlet camshaft opens at 1mm lift	1x1
max value of desired angle of outlet camshaft opens at 1mm lift	1x1
Minimal delta angle to be know there was a real movement of camshaft	1x1
Minimal delta angle of setpoint angle to be aspect a real movement of camshaft	1x1
minimal angle delta of camshaft to detect move of came in direction	1x1
min value of desired angle of inlet camshaft opens at 1mm lift	1x1
min value of desired angle of outlet camshaft opens at 1mm lift	1x1
Angle range at the locking position where the locking functionality for the outlet camshaft can be activated	1x1
Angle offset special to standard cam profile (outlet)	1x1
Angle offset special to standard cam profile (outlet)	1x1
Offset of the angle system to the outlet valve closing point (0.5mm lift)	1x1
Offset of the angle system to the outlet valve closing point (0.5mm lift)	1x1
Offset of the angle system to the outlet valve opening point (0.5mm lift) for the special cam profile	1x1
Offset of the angle system to the outlet valve opening point (0.5mm lift) for the special cam profile	1x1
Offset of the angle system to the outlet valve opening point (0.5mm lift) for the special cam profile	1x1
Offset of the angle system to the intake valve opening point (0.5mm lift)	1x1
Offset of the angle system to the intake valve opening point (0.5mm lift)	1x1
Angle range: long hole of lock position (intake camshaft)	1x1
Angle range: long hole of lock position (exhaust camshaft)	1x1
Min. dist. f. des. angle intk. CmS to leave lock position	1x1

Min. dist. f. des. angle exh. CmS to leave lock pos.	1x1
Permitted deviation of the intake camshaft from the locking position	1x1
Permitted deviation of the outlet camshaft from the locking position	1x1
angle inlet valve opened at 1mm Lift in reference position relative to TDC	1x1
angle inlet valve opened at 1mm Lift in reference position relative to TDC	1x1
angle outlet valve opened at 1mm Lift in reference position relative to TDC	1x1
angle outlet valve opened at 1mm Lift in reference position relative to TDC	1x1
Advanced position of the intake camshaft for setpoint jumps during cleaning	1x1
Advanced position of the outlet camshaft for setpoint jumps during cleaning	1x1
Desired value map intake camshaft at AFIM-diagnosis	16x16
Desired value map outlet camshaft at AFIM-diagnosis	16x16
Desired value intake camshaft AFIM diagnosis in tester mode	1x1
Desired value outlet camshaft AFIM diagnosis in tester mode	1x1
Desired value intake camshaft advanced position for calibration period	1x1
Desired value outlet camshaft advanced position for calibration period	1x1
Desired value intake camshaft for calibration period	1x1
Desired value map intake camshaft for calibration period	16x16
Desired value outlet camshaft for calibration period	1x1
Desired value map outlet camshaft for calibration period	16x16
Desired value intake camshaft retarded position for calibration period	1x1
Desired value outlet camshaft retarded position for calibration period	1x1
Desired value intake camshaft retarded position for calibration period	1x1
Desired value outlet camshaft retarded position for calibration period	1x1
Desired value map intake camshaft for catalyst heating at idling (Factor high)	4x4
Desired value map outlet camshaft for catalyst heating at idling (Factor high)	4x4
Desired value map intake camshaft catalyst heating (Factor high)	16x16
Desired value map outlet camshaft catalyst heating (Factor high)	16x16
Desired value map intake camshaft for catalyst heating at idling (Factor low)	4x4
Desired value map outlet camshaft for catalyst heating at idling (Factor low)	4x4
Desired value map intake camshaft catalyst heating (Factor low)	16x16
Desired value map outlet camshaft catalyst heating (Factor low)	16x16
Setpoint delta (filter_input - filter_output), to reset setpoint filtering for intake camshaft	1x1
Setpoint delta (filter_input - filter_output), to reset setpoint filtering for outlet camshaft	1x1
Setpoint delta (filter_input - filter_output), to activate setpoint filtering for intake camshaft	1x1
Setpoint delta (filter_input - filter_output), to activate setpoint filtering for outlet camshaft	1x1
Angle difference intake camshaft between filtered and unfiltered setpoint for transition from linear filtering to lowpass based filtering in advanced direction	6x6
Angle difference outlet camshaft between filtered and unfiltered setpoint for transition from linear filtering to lowpass based filtering in advanced direction	6x6
Angle difference intake camshaft between filtered and unfiltered setpoint for transition from linear filtering to lowpass based filtering in retarded direction	6x6
Angle difference outlet camshaft between filtered and unfiltered setpoint for transition from linear filtering to lowpass based filtering in retarded direction	6x6
Desired value map intake camshaft HOM mode engine not at operating temperature	16x16
Desired value map outlet camshaft HOM mode engine not at operating temperature	16x16
Map for homogen warm camshaft setpoints consider of environmental influence on density via height and heat	16x16
Map for homogen warm camshaft setpoints consider of environmental influence on density via height and heat	16x16
Desired value map intake camshaft HOM mode engine at operating temperature	16x16
Desired value map outlet camshaft HOM mode engine at operating temperature	16x16
Desired value map intake camshaft while idling engine not at operating temperature	4x4
Desired value map outlet camshaft while idling engine not at operating temperature	4x4
Desired value map intake camshaft while idling engine at operating temperature	4x4
Desired value map outlet camshaft while idling engine at operating temperature	4x4
Desired angle intake camshaft for the minimum overlap	1x1
Desired angle outlet camshaft for the minimum overlap	1x1
Desired phase value map intake camshaft for outlet valve lift switching	16x16
Desired value map outlet camshaft for outlet valve lift switching	16x16
Desired phase value map intake camshaft for outlet valve lift switching	16x16
Desired value map outlet camshaft for outlet valve lift switching	16x16
Desired value table intake camshaft reduced valve overlap in case of knock detection	6x1
Desired value table outlet camshaft reduced valve overlap in case of knock detection	6x1
Retarded position of the intake camshaft for setpoint jumps during cleaning	1x1
Retarded position of the outlet camshaft for setpoint jumps during cleaning	1x1
Desired value map intake camshaft Scavenging-mode engine not at operating temperature	8x8
Desired value map outlet camshaft Scavenging-mode engine not at operating temperature	8x8
Desired value map intake camshaft Scavenging-mode engine at operating temperature	8x8
Desired value map outlet camshaft Scavenging-mode engine at operating temperature	8x8
Desired phase value map intake camshaft special outlet lift engine not at operating temperature	16x16
Desired value map outlet camshaft special outlet lift engine not at operating temperature	16x16
Desired phase value map intake camshaft special outlet lift while idling engine not at operating temperature	4x4
Desired value map outlet camshaft special outlet lift while idling engine not at operating temperature	4x4
Desired phase value map intake camshaft special outlet lift while idling engine at operating temperature	4x4
Desired value map outlet camshaft special outlet lift while idling engine at operating temperature	4x4
Desired phase value map intake camshaft special outlet lift engine at operating temperature	16x16
Desired value map outlet camshaft special outlet lift engine at operating temperature	16x16
Width of the intake valve cam profile referred to 0.5mm lift	1x1
Width of the outlet valve cam profile referred to 0.5mm lift	1x1
Width of the outlet valve cam profile (special cam profile) referred to 0.5mm lift	1x1
Counter value of the adaptation counter for the disabling of the fuel cut off condition as a release condition for the fine adaptation	1x1
Number of segments for shifting the trigger for the charge determination when the valve lift is switched for negative expected charge difference	1x1
Number of segments for shifting the trigger for the charge determination when the valve lift is switched for positive expected charge difference	1x1
Start counter median-calculation camshaft	1x1
Threshold for engine speed gradient for the activation of the locking functionality	1x1
Interpolation curve for environmental influence on setpoints (density)	6x1
Factor depending on the rat load change for angle difference outlet camshaft setpoint filter for filtering in advanced direction	4x1
Factor depending on the rat load change for angle difference outlet camshaft setpoint filter for filtering in retarded direction	4x1
Threshold enable valve lift for Factor transition operating point coldwarm desired value intake camshaft	1x1
Threshold enable valve lift for Factor transition operating point coldwarm desired value outlet camshaft	1x1
Multiplicative correction factor of the filter time constant	5x1
Multiplicative correction factor of the filter time constant	5x1
Factor map transition operating point coldwarm desired value intake camshaft	4x6
Factor map transition operating point coldwarm desired value outlet camshaft	4x6
Engine speed hysteresis for activation of camshaft adaptation	1x1
Upper engine speed limit until which activation of component protection in case of camshaft error takes place	1x1
Maximum engine speed for the activation of the camshaft cleaning	1x1
max threshold engine speed for enable edge adaptation of inlet camshaft	1x1
max threshold engine speed for enable edge adaptation of exhaust camshaft	1x1
max threshold engine speed for enable first/reference edge adaptation of inlet camshaft	1x1
max threshold engine speed for enable first/reference edge adaptation of exhaust camshaft	1x1
Hysteresis for the engine speed threshold for cam profile switching	1x1
Maximum permitted engine speed for cam profile switching	1x1
Minimum engine speed for the activation of the camshaft cleaning	1x1
min threshold engine speed for enable edge adaptation of inlett camshaft	1x1
min threshold engine speed for enable edge adaptation of exhaust camshaft	1x1
min threshold engine speed for enable first/reference edge adaptation of inlet camshaft	1x1
min threshold engine speed for enable first/reference edge adaptation of exhaust camshaft	1x1
Camshaft Speed hysteresis for the avoidance of nmot fluctuations	1x1

min threshold of engine speed to enable inlet camshaft control	4x1
min threshold of engine speed to enable exhaust camshaft control	4x1
Speed threshold hysteresis for function request flank adaption of camshaft	1x1
Hysteresis engine speed for diagnoses function request of phaseshifting camshaft	1x1
Hysteresis threshold engine speed activation idling maps desired value map intake camshaft	1x1
Hysteresis threshold engine speed activation idling maps desired value map outlet camshaft	1x1
Speed threshold for function request flank adaption of camshaft	1x1
Minimum engine speed for diagnoses function request of phaseshifting camshaft	1x1
max. number of edge adaptions on camshaft phase sensor	1x1
Maximum number of cleaning cycles (intake) during camshaft error	1x1
Maximum number of cleaning cycles (outlet) during camshaft error	1x1
Maximum number of cleaning cycles (intake) per driving cycle	1x1
Maximum number of cleaning cycles (outlet) per driving cycle	1x1
Max. no. of release attempts at locked intake camshaft	1x1
Max. no. of release attempts at locked exhaust camshaft	1x1
Number of setpoint jumps per cleaning cycle of the intake camshaft	1x1
Number of setpoint jumps per cleaning cycle of the outlet camshaft	1x1
Number of setpoint jumps for the cleaning cycle during PostDrive	1x1
Threshold engine speed activation idling maps desired value map intake camshaft	1x1
Threshold engine speed activation idling maps desired value map outlet camshaft	1x1
Hysteresis of intakt manifold pressure to activate component protection during camshaft error	1x1
Hysteresis for update of relative air charge for camshaft adaptation	1x1
Threshold under which a charge change after valve lift switching is considered a negative charge change.	1x1
threshold charge for interrupt fine adaptation inlet	1x1
threshold charge for interrupt fine adaptation outlet	1x1
Threshold for rl_w until some special filter features are active	1x1
Maximum relative air mass for the fine adaptation release of the intake camshaft	1x1
Maximum relative air mass for the fine adaptation release of the outlet camshaft	1x1
Maximum relative air mass for the first adaptation release of the intake camshaft	1x1
Maximum relative air mass for the first adaptation release of the outlet camshaft	1x1
Minimum relative air mass for the fine adaptation release of the intake camshaft	1x1
Minimum relative air mass for the fine adaptation release of the outlet camshaft	1x1
Minimum relative air mass for the first adaptation release of the intake camshaft	1x1
Minimum relative air mass for the first adaptation release of the outlet camshaft	1x1
Threshold for the relative load, above which the fuel cut off condition for enabling the intake camshaft fine adaptation is reset	1x1
Threshold for the relative load, above which the fuel cut off condition for enabling the outlet camshaft fine adaptation is reset	1x1
Status desired value intake camshaft for calibration period	1x1
Status desired value outlet camshaft for calibration period	1x1
Status ETC-tester activation of the actuator camshaft diagnosis short trip for the calibration phase	1x1
code word: camshaft control global	1x1
Codeword for configuration of GEVCtl_PhaEna	1x1
Codeword for the function GEVCtl_PhaSpclSpOper	1x1
Status: Bit coded feature selection in function GEVCtl_PhaSpIntk	1x1
Status: Bit coded feature selection outlet valve lift switching in function GEVCtl_PhaSpOutl	1x1
Status: Bit coded feature selection outlet valve lift switching in function GEVCtl_PhaSpOutl	1x1
Status: Bit coded feature selection in function GEVCtl_PhaSpOutl	1x1
Status word selection interface engine load	1x1
codeword request camshaft reference adaptation without tetster demand	1x1
Status: Bit coded selection in function GEVCtl_ReqRefAdpn	1x1
Codeword for the unlock function of the intake camshaft	1x1
Codeword for the unlock function of the outlet camshaft	1x1
Codeword for the unlock function of the intake camshaft	1x1
Codeword for the unlock function of the outlet camshaft	1x1
Codeword for the configuration of cam profile switching	1x1
Maximum threshold of the temperature field for fine adaption	1x1
Maximum permitted engine temperature for the release of cam profile switching	1x1
Minimum threshold of the temperature field for fine adaption	1x1
minimum engine temperature for angle adaptation camshaft	1x1
Minimum permitted engine temperature for the release of cam profile switching	1x1
Curve delay time until actual value = desired value (intake)	4x1
Curve delay time until actual value = desired value (outlet)	4x1
Rest time in one position at desired value jumps intake camshaft	1x1
Rest time in one position at desired value jumps outlet camshaft	1x1
Time constant setpoint filter intake camshaft in case of negative setpoint difference at filter input	22x1
Time constant setpoint filter outlet camshaft in case of negative setpoint difference at filter input	22x1
Time constant setpoint filter intake camshaft in case of positive setpoint difference at filter input	22x1
Time constant setpoint filter outlet camshaft in case of positive setpoint difference at filter input	22x1
Time constant setpoint filter intake camshaft during unsteady state mode	22x1
Time constant setpoint filter outlet camshaft during unsteady state mode	22x1
Dwell time between the setpoint jumps during cleaning in PostDrive	1x1
Debounce time jitter-observation camshaft	6x4
time after enginge start for the disabling of the condition fuel cut off for fine adaptation intake camshaft	1x1
time after enginge start for the disabling of the condition fuel cut off for fine adaptation outlet camshaft	1x1
Adjustable delay time after which start end has been reached	1x1
Delay time before the cleaning of the intake camshaft is activated in PostDrive	1x1
Delay time before the cleaning of the outlet camshaft is activated in PostDrive	1x1
Delay time for the request of an engine speed enhacement	1x1
Delay time after normal engine start to release cam profile switching so that oil pressure is stabalised	1x1
Time delay after start for camshaft release depending on engine-off time	2x6
Time delay of camshaft release due to oil pressure	8x1
Delay time for the activation of the adjustment stop of the outlet camshaft	1x1
map time delay enabling oil presure is okey	6x4
Time, which the intake camshaft has to leave the locking position after an adjustment request, before the unlock mechanism starts	5x5
Time, which the outlet camshaft has to leave the locking position after an adjustment request, before the unlock mechanism starts	5x5
max. time for one edge adaption of camshaft phase sensor (fine tuning)	1x1
max. time for one edge adaption of camshaft phase sensor	1x1
Maximum duration of the engine speed enhancement	1x1
Maximal allowed time for requesting duty cycle while fuel cut off	1x1
Minimal time, which setpoint angle need to be an delta angle away from frozen current psoition while last adaption abort to be able to detect an movement	1x1
Dwell time between the setpoint jumps of the intake camshaft during cleaning	1x1
Dwell time between the setpoint jumps of the outlet camshaft during cleaning	1x1
Dwell time in the active position during actuator test of intake camshaft (short trip)	1x1
Dwell time in the active position during actuator test of outlet camshaft (short trip)	1x1
Maximum engine-off time to allow a shorter delay time after start for the camshaft release	1x1
delay time : enable of inlet camshaft control after start, depending on engine temp	6x1
delay time : enable of outlet camshaft control after start, depending on engine temp	6x1
Dwell time in the passive position during actuator test of intake camshaft (short trip)	1x1
Dwell time in the passive position during actuator test of outlet camshaft (short trip)	1x1
Time constant for setpoint ramp during intake camshaft actuator test (short trip)	1x1
Time constant for setpoint ramp during outlet camshaft actuator test (short trip)	1x1
waiting time before intake camshaft adjustment by tester starts	1x1

waiting time before intake camshaft adjustment by tester starts	1x1
Delay time after the inlet camshaft is in reference position with certainty	2x1
Duration of the alternating duty cycle jumps after error suspicion of the intake camshaft	1x1
Duration of the alternating duty cycle jumps after error suspicion of the outlet camshaft	1x1
Duration of the duty cycle jumps away from the locking position for unlocking the intake camshaft	1x1
Duration of the duty cycle jumps away from the locking position for unlocking the outlet camshaft	1x1
Duration of the duty cycle jumps towards the locking position for unlocking the intake camshaft	1x1
Duration of the duty cycle jumps towards the locking position for unlocking the outlet camshaft	1x1
Duration of the duty cycle jump for unlocking the intake camshaft before adaptation	1x1
Duration of the duty cycle jump for unlocking the outlet camshaft before adaptation	1x1
Maximum waiting time, before a new unlock cycle for the intake camshaft is started	1x1
Maximum waiting time, before a new unlock cycle for the outlet camshaft is started	1x1
threshold of oil temperature to enable adaption of camshaft	1x1
Oil temperature threshold, which enables functionality to jump to late position while small relative air charge	1x1
Oil temperature threshold, which enables functionality to jump to early position while small relative air charge	1x1
threshold of oil temperature to enable adaption of camshaft by demand on tester	1x1
Maximum oil temperature for the cleaning in PostDrive	1x1
Maximum oil temperature for the cleaning in fuel cutoff	1x1
Max. threshold of oil temperature to enable camshaft control	1x1
Maximum permitted oil temperature for the release of cam profile switching	1x1
Minimum oil temperature for the cleaning in PostDrive	1x1
Maximum permitted oil temperature for the release of cam profile switching	1x1
Minimum oil temperature for the cleaning in PostDrive	1x1
Minimum oil temperature for the cleaning in fuel cutoff	1x1
Min. threshold of oil temperature to enable camshaft control	1x1
Minimum permitted oil temperature for the release of cam profile switching	1x1
Temperature hysteresis for the avoidance of tmot and toelk fluctuations	1x1
Maximum temperature in Oil swamp to release the cam profile switching.	1x1
Minimum temperature in Oil swamp to release the cam profile switching.	1x1
Torque reserve for diagnosis phaseshifting camshaft by tester	1x1
maximum engine temperature for angle adaptation camshaft by demand on tester	1x1
minimum engine temperature for angle adaptation camshaft by demand on tester	1x1
Maximum battery voltage to enable of camshaft control	1x1
Maximum permissible battery voltage for cam profile switching	1x1
Hysteresis for minimal battery voltage for activation of camshaft control	1x1
Minimum battery voltage to enable of camshaft control	1x1
Minimum permissible battery voltage for cam profile switching	1x1
threshold of vehicle speed until a multiplicatve factor is correcting the filter time constant	1x1
error threshold related to locking position	1x1
Angle deviation for begin monitoring cycle diagnosis phase actuator intake (MAP)	4x5
Angle deviation for begin monitoring cycle diagnosis phase actuator outlet (MAP)	4x5
Minimum delivery duration of MSV to activate camshaft compensation	1x1
Setpoint delta (inlet) for minimal adjustment for forming VVT denominator complete	1x1
Setpoint delta (outlet) for minimal adjustment for forming VVT denominator complete	1x1
Fault threshold setpoint-actual-deviation intake camshaft position CSERS	4x4
Fault threshold setpoint-actual-deviation outlet camshaft position CSERS	4x4
Minimal setpoint adjustment intake camshaft for healing CSERS	1x1
Minimal setpoint adjustment outlet camshaft for healing CSERS	1x1
Angle deviation for consideration of system tolerance intake CSERS	1x1
Angle deviation for consideration of system tolerance outlet CSERS	1x1
Angle deviation for consideration of system tolerance intake	1x1
Angle deviation for consideration of system tolerance outlet	1x1
Necessary difference between filtered and unfiltered intake camshaft angle for jitter detection	1x1
Angle deviation for consideration of system tolerance outlet	1x1
Necessary difference between filtered and unfiltered intake camshaft angle for jitter detection	1x1
Necessary difference between filtered and unfiltered outlet camshaft angle for jitter detection	1x1
Maximum delta between unfilterd and filtered angle below the filtering of the extrapolated camshaft angle is activated	1x1
Maximal governor deviation at which the camshaft angle is still fitlered	1x1
Maximal intake camshaft angle still considered normal	1x1
Maximal outlet camshaft angle still considered normal	1x1
Minimal intake camshaft angle still considered normal	1x1
Minimal outlet camshaft angle still considered normal	1x1
Angle range reference position (Range1)	1x1
Angle range reference position (Range1) outlet	1x1
Minimum required differnce between setpoints CSERS and NonCSERS for denominator complete condition for intake	1x1
Angle deviation setpoint CSERS to setpoint nonCSERS to start diagnosis intake	1x1
Minimum required differnce between setpoints CSERS and NonCSERS for denominator complete condition for outlet	1x1
Angle deviation setpoint CSERS to setpoint nonCSERS to start diagnosis outlet	1x1
Characteristic line for setpoint-inlet-camphaser error simulation	6x1
Characteristic line for setpoint-outlet-camphaser error simulation	6x1
Minimum required test results for cold start diagnosis	1x1
Map for factor of recursive average filter intake camshaft angle synchronous	4x4
Map for factor of recursive average filter outlet camshaft angle synchronous	4x4
Correction factor map for duty cycle of D part from disturbance compensation in dependency of rail pressure and rail pressure gradient	7x7
Factor to correct camshaft shift speed at calculation of extrapolated actual position	5x1
Correction factor map for duty cycle of D part from disturbance compensation	8x8
Curve to correct the duty cycle from disturbance compensation (rail pressure) in dependency of dwmsvd_w	8x1
Maximal value for the jitter factor the noise filter time constant is multiplied with in case of a jittering intake camshaft	1x1
Maximal value for the jitter factor the noise filter time constant is multiplied with in case of a jittering outlet camshaft	1x1
Correction factor map for duty cycle of P part from disturbance compensation	8x8
Summand for the factor the noise filter time constant is multiplied with in case of a jittering intake camshaft	4x1
Summand for the factor the noise filter time constant is multiplied with in case of a jittering outlet camshaft	3x1
Correction factor duty cycle cam phase actuator depending on battery voltage	4x1
Interface class for the intake camshaft governor paramters / Upper threshold until which a change in governor deviation will not trigger calculation of a d-part	1x1
Interface class for the intake camshaft governor paramters / Lower threshold until which a change in governor deviation will not trigger calculation of a d-part	1x1
Interface class for the intake camshaft governor paramters / Angle threshold for detection of steady state conditions to wheight the D governor part	1x1
Interface class for the intake camshaft governor paramters / Calibartion inputs to Turn Off Delay Variable.	1x1
Interface class for the intake camshaft governor paramters / Characteristic line for stop governor depends on engine speed	4x1
Interface class for the intake camshaft governor paramters / Angle difference to mechanical boundary below which the slow I-Part is deactivated	1x1
Interface class for the intake camshaft governor paramters / Map: correction factor of duty cycle for controller D component	9x9
Interface class for the intake camshaft governor paramters / Factor for correction of I-Part depending on actual governor deviation	9x1
Interface class for the intake camshaft governor paramters / Factor for correction of P-Part depending on actual governor deviation	9x1
Interface class for the intake camshaft governor paramters / Factor for calculation of d-part for low lift	8x8
Interface class for the intake camshaft governor paramters / Correction of controller part inside soft landing range	6x6
Interface class for the intake camshaft governor paramters / Wheighting the D governor part while steady state condition is fullfilled	1x1
Interface class for the intake camshaft governor paramters / Factor for calculation of d-part	8x8
Interface class for the intake camshaft governor paramters / Factor for calculation of fast i-part for low lift	8x8
Interface class for the intake camshaft governor paramters / Correction of controller part inside soft landing range	6x6
Interface class for the intake camshaft governor paramters / Factor for calculation of fast i-part	8x8
Interface class for the intake camshaft governor paramters / Factor for calculation of p-part for low lift	8x8
Interface class for the intake camshaft governor paramters / Correction of controller part inside soft landing range	6x6
Interface class for the intake camshaft governor paramters / Factor for calculation of p-part	8x8
Interface class for the intake camshaft governor paramters / max. delta for difference slow I-part camshaft controller	1x1

Interface class for the intake camshaft governor paramters / Maximal value for the fast IPart of the camshaft governor	1x1
Interface class for the intake camshaft governor paramters / Minimal value for the fast IPart of the camshaft governor	1x1
Interface class for the intake camshaft governor paramters / Group map for Max active IPart	8x8
Interface class for the intake camshaft governor paramters / Maximum duty cycle	1x1
Interface class for the intake camshaft governor paramters / Group map for min active IPart	8x8
Interface class for the intake camshaft governor paramters / Minimum duty cycle for camshaft actuation	1x1
Interface class for the intake camshaft governor paramters / Camshaft unlocking duty cycle	1x1
Interface class for the intake camshaft governor paramters / Maximum duty cycle during limitation for component protection	1x1
Interface class for the intake camshaft governor paramters / Maximal value for the slow IPart of the camshaft governor	1x1
Interface class for the intake camshaft governor paramters / Minimal value for the slow IPart of the camshaft governor	1x1
Interface class for the intake camshaft governor paramters / Camshaft locking duty cycle	1x1
Interface class for the intake camshaft governor paramters / Time constant for ramp-in and -out of d-part correction factor for switchable oil pumps	8x8
Interface class for the intake camshaft governor paramters / Debounce time for detection of steady state conditions to wheight the D governor part	1x1
Interface class for the intake camshaft governor paramters / Time constant map	5x7
Interface class for the intake camshaft governor paramters / Time constant for ramp-in and -out of p-part correction factor for switchable oil pumps	8x8
Interface class for the intake camshaft governor paramters / Time constant for output max. duty cycle camshaft controller	1x1
Interface class for the intake camshaft governor paramters / Time constant slow I-part of camshaft controller	1x1
Interface class for the outlet camshaft governor paramters / Upper threshold until which a change in governor deviation will not trigger calculation of a d-part	1x1
Interface class for the outlet camshaft governor paramters / Lower threshold until which a change in governor deviation will not trigger calculation of a d-part	1x1
Interface class for the outlet camshaft governor paramters / Angle threshold for detection of steady state conditions to wheight the D governor part	1x1
Interface class for the outlet camshaft governor paramters / Calibartion inputs to Turn Off Delay Variable.	1x1
Interface class for the outlet camshaft governor paramters / Angle threshold for detection of steady state conditions to wheight the D governor part	1x1
Interface class for the outlet camshaft governor paramters / Calibartion inputs to Turn Off Delay Variable.	1x1
Interface class for the outlet camshaft governor paramters / Characteristic line for stop governor depends on engine speed	4x1
Interface class for the outlet camshaft governor paramters / Angle difference to mechanical boundary below which the slow I-Part is deactivated	1x1
Interface class for the outlet camshaft governor paramters / Map: correction factor of duty cycle for controller D component	9x9
Interface class for the outlet camshaft governor paramters / Factor for correction of I-Part depending on actual governor deviation	9x1
Interface class for the outlet camshaft governor paramters / Factor for correction of P-Part depending on actual governor deviation	9x1
Interface class for the outlet camshaft governor paramters / Factor for calculation of d-part for low lift	8x8
Interface class for the outlet camshaft governor paramters / Correction of controller part inside soft landing range	6x6
Interface class for the outlet camshaft governor paramters / Wheighting the D governor part while steady state condition is fullfilled	1x1
Interface class for the outlet camshaft governor paramters / Factor for calculation of d-part	8x8
Interface class for the outlet camshaft governor paramters / Factor for calculation of fast i-part for low lift	8x8
Interface class for the outlet camshaft governor paramters / Correction of controller part inside soft landing range	6x6
Interface class for the outlet camshaft governor paramters / Factor for calculation of fast i-part	8x8
Interface class for the outlet camshaft governor paramters / Factor for calculation of p-part for low lift	8x8
Interface class for the outlet camshaft governor paramters / Correction of controller part inside soft landing range	6x6
Interface class for the outlet camshaft governor paramters / Factor for calculation of p-part	8x8
Interface class for the outlet camshaft governor paramters / max. delta for difference slow I-part camshaft controller	1x1
Interface class for the outlet camshaft governor paramters / Maximal value for the fast IPart of the camshaft governor	1x1
Interface class for the outlet camshaft governor paramters / Minimal value for the fast IPart of the camshaft governor	1x1
Interface class for the outlet camshaft governor paramters / Group map for Max active IPart	8x8
Interface class for the outlet camshaft governor paramters / Maximum duty cycle	1x1
Interface class for the outlet camshaft governor paramters / Group map for min active IPart	8x8
Interface class for the outlet camshaft governor paramters / Minimum duty cycle for camshaft actuation	1x1
Interface class for the outlet camshaft governor paramters / Camshaft unlocking duty cycle	1x1
Interface class for the outlet camshaft governor paramters / Maximum duty cycle during limitation for component protection	1x1
Interface class for the outlet camshaft governor paramters / Maximal value for the slow IPart of the camshaft governor	1x1
Interface class for the outlet camshaft governor paramters / Minimal value for the slow IPart of the camshaft governor	1x1
Interface class for the outlet camshaft governor paramters / Camshaft locking duty cycle	1x1
Interface class for the outlet camshaft governor paramters / Time constant for ramp-in and -out of d-part correction factor for switchable oil pumps	8x8
Interface class for the outlet camshaft governor paramters / Debounce time for detection of steady state conditions to wheight the D governor part	1x1
Interface class for the outlet camshaft governor paramters / Time constant map	5x7
Interface class for the outlet camshaft governor paramters / Time constant for ramp-in and -out of p-part correction factor for switchable oil pumps	8x8
Interface class for the outlet camshaft governor paramters / Time constant for output max. duty cycle camshaft controller	1x1
Interface class for the outlet camshaft governor paramters / Time constant slow I-part of camshaft controller	1x1
Engine speed threshold above which the OCV cleaning cannot be activated anymore	1x1
maximum engine speed for diagnosis camshaft control	1x1
Maximum engine speed for angle extrapolation	1x1
engine speed threshold for deactivation of actual angle filter	1x1
Minimum engine speed threshold for error respectively healing result (DFC_GEVlvLockPinDiagxxxBx)	1x1
Characteristic line minimum engine speed for diagnosis inlet camshaft control	6x1
Characteristic line minimum engine speed for diagnosis outlet camshaft control	6x1
Hysteresis for minimal engine speed for angle extrapolation	1x1
Minimal engine speed for angle extrapolation	1x1
minimal necessary number of camshaft angle samples after engine start to be able to set a go test result (sufficient number for detect a faulty system)	1x1
Max. value for error debouncing for intake camshaft	1x1
Max. value for error debouncing for outlet camshaft	1x1
number of alloweded overshoots for getting a go test result	1x1
number of invalid measured camshaft values while engine start, which will be cut-off (caused by sensor)	1x1
Maximum number of test impulses for diagnosis	1x1
Threshold of rail pressure gradient filter is deacitvated	1x1
Threshold of rail pressure gradient will be filtered	1x1
rail pressure threshold below no normal mode of rail pressure controller	1x1
Duty cycle active when camshaft angle is outside normal range	1x1
Duty cycle active when camshaft angle is outside normal range	1x1
Hold duty cycle for camshaft intake bank 1	8x1
Hold duty cycle for camshaft outlet bank 1	8x1
Calibration Map:Additiv duty cycle in dependency of the rail pressure prsoll_w and dwmsvd_w	8x8
Duty cycle to define ramp slope at cleaning functionality	1x1
Duty cycle for oil control valve cleaning	1x1
Duty cycle for oil control valve cleaning	1x1
Duty cycle to distinguish between target error and offset error	1x1
Duty cycle for oil control valve cleaning	1x1
Duty cycle to distinguish between target error and offset error	1x1
Duty cycle to distinguish between target error and offset error	1x1
Configuration label for the intake camshaft actual angle filter	1x1
Configuration label for the outlet camshaft actual angle filter	1x1
Codeword extrapolation of actual positions cam phasing	1x1
Code word to select functionality inside camshaft governor	1x1
Codeword for disturbance compensation in dependency of rail pressure	1x1
Codeword for conditional camshaft diagnosis enabling	1x1
codeword for the FC GEVlv_PhaDiag	1x1
Code word to activate error simulation cam phase actuators by governor	1x1
Duration of duty cycle pulse triggered when camshaft leaves normal control range	1x1
Duration of duty cycle pulse triggered when camshaft leaves normal control range	1x1
Delay time after end of start to dissable diagnosis camshaft control DNWVPx	1x1
minimal switch off time for enabling lockingpin diagnosis in next engine start (engine stall detection)	1x1
Noise filter time constant for the actual filtered intake camshaft angle	5x1
Noise filter time constant for the actual filtered outlet camshaft angle	5x1
Time between two test pulses during electrical fault	1x1
Time between two test pulses during overtemperature fault	1x1
Duration of duty cycle pulse triggered when valve cleaning is requested	1x1

Time the camshaft angle has to be outside normal control range before countermeasures are triggered	1x1
Time the camshaft angle has to be outside normal control range before countermeasures are triggered	1x1
Time delay until diagnosis is reenabled again after cam cleaning function was active	1x1
Debounce time of a fault respectively healing result (intake camshaft during CSERS)	1x1
Debounce time of a fault respectively healing result (outlet camshaft during CSERS)	1x1
Time delay for reset of enable condition diagnosis camshaft actuator intake at engine stop (Start-Stop) bank 1	1x1
Time delay for reset of enable condition diagnosis camshaft actuator exhaust at engine stop (Start-Stop) bank 1	1x1
Time after fuell cut off or rail pressure in closed loop till disturbance compensation is activated	1x1
Curve for time duration of hold duty cycle for pin unlock control for intake camshaft	5x1
Curve for time duration of hold duty cycle for pin unlock control for outlet camshaft	5x1
Delay time for deactivation of the intake camshaft jitter filter after the difference between filtered and unfiltered angle fell below the activation threshold	1x1
Delay time for deactivation of the intake camshaft jitter filter after the difference between filtered and unfiltered angle fell below the activation threshold	1x1
Time the intake camshaft jitter filter is active after the camshaft adjustment has been released for the first time in a driving cycle	4x5
Time the outlet camshaft jitter filter is active after the camshaft adjustment has been released for the first time in a driving cycle	4x5
Duration monitoring cycle CSERS diagnosis intake	1x1
Duration monitoring cycle CSERS diagnosis outlet	1x1
Map for Duration monitoring cycle diagnosis phase actuator intake	4x5
Map for Duration monitoring cycle diagnosis phase actuator outlet	4x5
PWM period for camshaft adjustment	4x4
Time constant setpoint filter during error simulation intake for advanced shifting	1x1
Time constant setpoint filter during error simulation outlet for advanced shifting	1x1
Time constant setpoint filter during error simulation intake for retarded shifting	1x1
Time constant setpoint filter during error simulation outlet for retarded shifting	1x1
Time after end of engine start till disturbance compensation is activated	1x1
Time current rail pressure has to be exceed a threshold after disturbance compensation is activated	1x1
Allowed freeze time of rail pressure behaviour after this gradient is set to 0	1x1
Map from filter time constant, which is used for filtered gradient of setpoint rail pressure behaviour	4x4
Allowed time for reaching setpoint threshold diagnosis phase actuator intake (MAP)	4x5
Allowed time for reaching setpoint threshold diagnosis phase actuator outlet (MAP)	4x5
Time duration for retriggering a new monitoring cycle in case of a permanent deviation	1x1
Time for retriggering a new monitoring cycle in case of a permanent deviation (outlet)	1x1
Characteristic delay time after end of start to enable diagnosis inlet camshaft	6x1
Characteristic delay time after end of start to enable diagnosis outlet camshaft	6x1
Max oil temperature to enable diagnosis inlet camshaft control	1x1
Max oil temperature to enable diagnosis outlet camshaft control	1x1
Min oil temperature to enable diagnosis inlet camshaft control	1x1
Min oil temperature to enable diagnosis outlet camshaft control	1x1
max. compensation gradient for smallest leak detection (0.5-mm-check)	1x1
Max. compensation gradient for smallest leak detection (0.5-mm-check) in EOL testing	1x1
Max. compensation gradient for smallest leak detection (0.5-mm-check) in garage testing	1x1
parameter for vehicle longitudinal acceleration	1x1
travelled distance, after which value will be written into EEPROM	1x1
parameter for wheel circumference	1x1
parameter for environment pressure	1x1
Default value for total ratio of the power train	1x1
limitation minimum state (for initialization)	1x1
parameter for environment temperature	1x1
Filter time constant for longitudinal vehicle acceleration	1x1
Filter time constant for the vehicle longitudinal speed	1x1
parameter for induction air temperature	1x1
PT1 delay parameter for wheel speed over CAN	1x1
parameter for induction air temperature	1x1
PT1 delay parameter for wheel speed over CAN	1x1
limitation minimum value (for initialization)	1x1
Minimum speed threshold for filtered wheel speed.	1x1
parameter for vehicle longitudinal velocity	1x1
Maximum positive rail pressure setpoint gradient during StartStop.	1x1
negative ramp slope, cold engine	1x1
positive ramp slope, cold engine	1x1
Limitation for detection of increasing main shaft speed	1x1
Gradient for adding offset to filtered main shaft speed	1x1
Factor which is dependent on clutch pedal ratio to weight the maximum torque during gear shift	6x1
Bitmask for release conditions of GSHDem (0: condition is ignored; 1: condition is regarded)	1x1
Bitmask for shut off behaviour of release conditions (0: condition leads to direct shut off; 1: condition leads to ramping)	1x1
Shut off behaviour of clutch signal (0: direct shut off; 1: ramp)	1x1
Control deviation from which the Pre-Control torque will be deactivated after a down-shift	1x1
Offset for filtered main shaft speed during down-shift	4x9
engine speed offset of activation condition engine speed acceleration prevention	1x1
Engine speed offset on lower low-idle setpoint speed for the release of the gear-shift-harmonization demand	1x1
Offset for maximum set-point for speed controller to limit maximum main shaft speed for deactivation of GSHDem	1x1
Offset for main shaft speed to limit calculated set-point from GSHDem	1x1
Offset which is subtracted from maximum set-point for speed controller to limit calculated set-point from GSHDem	1x1
Offset for calculated set-point for predicted next higher gear, to limit set-point from GSHDem during up-shift	1x1
Offset for engine speed for fuel cut-in when GSHDem is active	4x4
offset for overrun deactivation before reaching stationary setpoint	1x1
offset for overrun deactivation before reaching tracked setpoint	1x1
Offset for ramping down threshold after GSHDem gets in RAMP-state	1x1
Additive offset for lower gear shifting speed	1x1
Offset for filtered main shaft speed during up-shift	4x9
Maximum possbile next highergear	1x1
Threshold Clth_r, for recognition of status clutch open	1x1
Threshold rGrip, for recognition of status clutch open	1x1
limitation for PT_rTraV2N Signal, for which GSHDem may be active	1x1
State clutch open	1x1
Code-word for (de-)activation of specific features	1x1
Driving mode 1 for activation GSHDem	1x1
Driving mode 2 for activation GSHDem	1x1
Software switch for activating the gear-shift-harmonization demand	1x1
Configuration ramp for clutch state (0: direct shutt off; 1: ramp)	1x1
Selection of method for determination of clutch state	1x1
upper temperature threshold for the hysteresis for determination of the state warmcold	1x1
lower temperature threshold for the hysteresis for determination of the state warmcold	1x1
Time for permissibility of high torque during down-shift to accelerate engine speed to higher main shaft speed	1x1
Time for deactivation of GSHDem when clutch is not pressed completely anymore	1x1
Time-delay for detection change of mind for gear-shift instead of signal-jitter	1x1
Time for synchronisation of main shaft speed to engaged gear-dependent speed	1x1
Time constant for PT1-filter of main shaft speed	1x1
Time-delay for start of gear-shift detection	1x1
Runtime of timer ""GSHDem activation	1x1
Runtime of timer ""clutch	1x1
Maximum torque for acceleration of engine speed during down-shift	1x1

Maximum torque for controlling engine speed to stationary set-point when GSHDem is active	9x1
Torque-offset for GSHDem which depends on control deviation	6x1
Upper threshold for analogue neutral sensor A to detect neutral gear position	1x1
Upper threshold for analogue neutral sensor B to detect neutral gear position	1x1
Threshold for vehicle speed for activate GSHDem	1x1
negative ramp slope, warm engine	1x1
positive ramp slope, warm engine	1x1
maximum gas capacity fuel tank	1x1
minimum threshold for lift of TC-actuator	1x1
maximum threshold for lift of TC-actuator	1x1
Length of healing interval in revolutions CrS	1x1
Codeword for configuration of dynamic simulation of binary sensor	1x1
Code word of sensor position for dynamic simulation of binear sensor	1x1
lowpass time constant for holdphase	1x1
the time constant of the slow transition from lean to rich for asymmetric fault	1x1
the time constant of the slow transition from rich to lean for asymmetric fault	1x1
the time constant of the slow transition for symmetric fault	1x1
the delay time from lean to rich for asymmetric fault	1x1
the delay time from rich to lean for the asymmetric fault	1x1
the delay time for the symmetric fault	1x1
lowpass time constant for smoothing of original signal	1x1
the delay time for the symmetric fault	1x1
lowpass time constant for smoothing of original signal	1x1
Upper threshold of sensor voltage for simulation of restricted sensor voltage failure	1x1
Lower threshold of sensor voltage for simulation of restricted sensor voltage	1x1
Number of calculations of the internal resistance	1x1
diagnosis threshold for heater coupling during cold operation	1x1
diagnosis threshold for heater coupling at cold sensor	1x1
Threshold sensor voltage difference for electrical error heater coupling	1x1
Threshold sensor voltage difference for electrical min error (short to ground)	1x1
Threshold sensor voltage difference for electrical sig error (wire interruption)	1x1
Maximum heating voltage offset for map controlled heating	1x1
Heating voltage gradient during ramp down, TSP sensor	1x1
Heating voltage gradient during ramp down	1x1
Heating voltage gradient during ramp up, TSP sensor	1x1
Heating voltage gradient during ramp up	1x1
Maximum limit for heater voltage difference, I-part, TSP sensor	1x1
Maximum limit for heater voltage difference, I-part	1x1
Minimum limit for heater voltage difference, I-part, TSP sensor	1x1
Minimum limit for heater voltage difference, I-part	1x1
Maximum limit for heater voltage difference, P-part, TSP sensor	1x1
Maximum limit for heater voltage difference, P-part	1x1
Minimum limit for heater voltage difference, P-part, TSP sensor	1x1
Minimum limit for heater voltage difference, P-part	1x1
Heater voltage reduction in case of ElecMin error suspect	1x1
Voltage difference after freeze during Ri measurement	1x1
HEGO sensor voltage change caused by ceramic temperature change	16x1
I-part gain of closed loop heating control, TSP sensor	1x1
I-part gain of closed loop heating control	1x1
P-part gain of closed loop heating control, TSP sensor	11x1
P-part gain of closed loop heating control	11x1
Codebit debouncing of heater performance diagnosis after stop-phase	1x1
code word for enabilng the diagnoses heater coupling and short circuit to battery for cold sensor	1x1
Codebit debouncing of heater performance diagnosis after stop-phase	1x1
code word for enabilng the diagnoses heater coupling and short circuit to battery for cold sensor	1x1
Codebit LSF Xfour HEGO sensor selected	1x1
Codebit calculation of HEGO sensor 2 voltage at nominal temperature	1x1
Heating, HEGO sensor 2 bank 1 / Minimum normalized heating power for sufficient heating	1x1
Heating, HEGO sensor 2 bank 1 / Maximum value for Ri deadband, TSP sensor	1x1
Heating, HEGO sensor 2 bank 1 / Maximum value for Ri deadband	1x1
Heating, HEGO sensor 2 bank 1 / Minimum value for Ri deadband, TSP sensor	1x1
Heating, HEGO sensor 2 bank 1 / Minimum value for Ri deadband	1x1
Heating, HEGO sensor 2 bank 1 / Nominal internal resistance Ri of HEGO sensors, TSP sensor	1x1
Heating, HEGO sensor 2 bank 1 / Nominal internal resistance Ri of HEGO sensors	1x1
Heating, HEGO sensor 2 bank 1 / Code word HEGO sensor heating	1x1
Heating, HEGO sensor 2 bank 1 / Minimum exhaust gas temperature for sufficient heating	1x1
Heating, HEGO sensor 2 bank 1 / Debouncing time for maximum heating	1x1
Heating, HEGO sensor 2 bank 1 / Debouncing time for heating during start phase depending on upstream sensor	1x1
Heating, HEGO sensor 2 bank 1 / Exhaust gas temperature filter-time-constant for sensor heating	5x1
Heating, HEGO sensor 2 bank 1 / Debouncing time for sufficient heating	1x1
Heating, HEGO sensor 2 bank 1 / Maximum time until heating power is reduced, TSP sensor	1x1
Heating, HEGO sensor 2 bank 1 / Maximum time until heating power is reduced	1x1
Heating, HEGO sensor 2 bank 1 / Voltage drop in the wiring harness for sensor heating	1x1
Heating, HEGO sensor 2 bank 1 / Nominal heater voltage after protective heating is finished, TSP sensor	6x1
Heating, HEGO sensor 2 bank 1 / Nominal heater voltage after protective heating is finished	6x1
Heating, HEGO sensor 2 bank 1 / Map to control sensor heating voltage, TSP sensor	8x7
Heating, HEGO sensor 2 bank 1 / Map to control sensor heating voltage	8x7
Heating, HEGO sensor 2 bank 1 / Maximum heating voltage, debounced	1x1
Heating, HEGO sensor 2 bank 1 / Maximum heating voltage during heat-up phase, TSP sensor	1x1
Heating, HEGO sensor 2 bank 1 / Maximum heating voltage during heat-up phase	1x1
Heating, HEGO sensor 2 bank 1 / Maximum heating voltage	1x1
Heating, HEGO sensor 2 bank 1 / Nominal heating voltage	1x1
Heating, HEGO sensor 2 bank 1 / Protective heating voltage	1x1
Threshold number of heater couplings	1x1
Threshold number of heater switch offs	1x1
Threshold number of heater couplings	1x1
Threshold number of heater switch offs	1x1
Threshold number of Ri measurements for sensor operation readiness in cold operation	1x1
Threshold number of Ri measurements for sensor operation readiness	1x1
Electrical diagnostics, HEGO sensor 2 bank 1 / Code word electrical diagnostics for HEGO sensors	1x1
Heater performance diagnosis, HEGO sensor 2 bank 1 / Map for internal resistance threshold for heater performance diagnosis, low temperature mode	5x5
Heater performance diagnosis, HEGO sensor 2 bank 1 / Map for internal resistance threshold for heater performance diagnosis	5x5
Heater performance diagnosis, HEGO sensor 2 bank 1 / Code word heater performance diagnosis (class)	1x1
Operating readiness, HEGO sensor 2 bank 1 / Code bit enable lambda control during sensor cold operation	1x1
Operating readiness, HEGO sensor 2 bank 1 / Codeword: considering bHtgSuff for setting sensor operation and diagnosis readines	1x1
Operating readiness, HEGO sensor 2 bank 1 / Code word operating readiness for HEGO sensors	1x1
Operating readiness, HEGO sensor 2 bank 1 / Debouncing time for stuck error	1x1
Operating readiness, HEGO sensor 2 bank 1 / Debouncing time for expected operating readiness in case of function request	1x1
Operating readiness, HEGO sensor 2 bank 1 / Debouncing time for expected operating readiness	4x1
Operating readiness, HEGO sensor 2 bank 1 / Debouncing time protective heating finished	1x1
minimum heater power leading to expected sensor readiness for cold operation	1x1
Threshold internal resistance for electrical sig error (wire interruption)	1x1
Internal resistance threshold for HEGO sensor closed loop heating control shut-off	1x1
Internal resistance threshold for HEGO sensor heating shut-off, TSP sensor	1x1
Internal resistance threshold for HEGO sensor heating shut-off	1x1

Intenal resistance threshold for heating reduction, TSP sensor	1x1
Intenal resistance threshold for heating reduction	1x1
Internal resistance hysteresis for HEGO heater performance diagnostics	1x1
internal resistance threshold for sensor readiness combined with low sensor voltage	1x1
internal resistance threshold for cold operation	1x1
Maximum value for internal resistance for sufficient heating	1x1
Nominal internal resistance Ri, HEGO	1x1
Threshold internal resistance for HEGO sensor operating readiness	1x1
Internal sensor resistance as a function of the ceramic temperature	16x1
Threshold internal resistance for reset of electrical sig error (wire interruption)	1x1
Maximum heating duty ratio for anti wind up, TSP sensor	1x1
Maximum heating duty ratio for anti wind up	1x1
Minimum heating duty ratio for anti wind up, TSP sensor	1x1
Minimum heating duty ratio for anti wind up	1x1
Sensor characteristics (lambda linearization), HEGO sensor 2	24x1
Signal acquisition of HEGO sensor 2 bank 1 / Debounce time of the sensor voltage enable condition for the measurement of the internal resistance	1x1
Signal acquisition of HEGO sensor 2 bank 1 / Lower sensor voltage limit for the measurement of the internal resistance	1x1
Signal acquisition of HEGO sensor 2 bank 1 / Upper sensor voltage limit for the measurement of the internal resistance	1x1
Codeword electrical diagnostics for HEGO sensors	1x1
Code word enable conditions for HEGO sensor heating	1x1
Code word HEGO sensor heating	1x1
Code word heater performance diagnosis, HEGO sensor 2	1x1
Code word heater powerstage, HEGO sensor 2	1x1
Code word HEGO sensor hardware	1x1
Codeword System control in HEGO_Sens	1x1
Code word HEGO_Sens	1x1
Ambient temperature threshold for HEGO heater power stage diagnosis	1x1
HEGO sensor ceramic temperature as a function of internal resistance	16x1
Maximum exhaust gas temperature for heater performance diagnosis	1x1
Minimum exhaust gas temperature for heater performance diagnosis	1x1
Maximum exhaust gas temperature for heater performance diagnosis in short trip	1x1
Minimum exhaust gas tempearture for heater performance diagnosis in short trip	1x1
Minimum exhaust gas temperature leading to expected sensor readiness for cold operation	1x1
Threshold exhaust gas temperature for electrical sig error (wire interruption) due to Ri	1x1
Mimimum filtered exhaust gas temperature	1x1
Exhaust gas temperature threshold to switch off heating in stop phase	1x1
Exhaust gas temperature threshold for reduced heating power	1x1
Maximum exhaust gas temperature for heating of HEGO sensors	1x1
Minimum exhaust gas temperature for HEGO sensor heating	1x1
Engine temperature hot enough for sensor heating	1x1
Minimum engine temperature for regular heating	1x1
Calibratable temperature at engine start	1x1
Debouncing time for heating switch off at high battery voltage	1x1
debounce time for enabling heater coupling diagnosis after heater enabling condition of exhaust gas temperature model is given	1x1
plasibilization time for expected sensor operating readiness for cold operation	1x1
Debouncing time function request for heater performance diagnosis	1x1
Debouncing time stop phase for heater performance diagnosis	1x1
Debouncing time start phase for heater performance diagnosis	1x1
Debouncing time for fast enable conditions for heater power stage diagnostics	1x1
Debouncing time for enable conditions of heater power stage diagnostics	1x1
Debouncing time after dew-point-end for heater coupling detection	1x1
Debouncing time for dew-point end to switch Ri threshold	1x1
plausibilization time of diagnosis readiness for cold operation	1x1
Deboucing time external heating control heating performance diagnosis enable	1x1
debounce time of internal resistance measurement for sensor readiness of cold operation	1x1
Debouncing time for electrical max error (short to battery voltage)	1x1
Debouncing time for electrical min error suspicion	1x1
Debouncing time for electrical min error (short to ground)	1x1
Debouncing time for electrical sig error suspicion	1x1
Debouncing time heater performance error after FID release	1x1
Debouncing time heater performance error	1x1
Debouncing time of frozen sensor signal due to Ri measurement for heating	1x1
General debouncing time for electrical diagnostics	1x1
Debouncing time for healing low sensor voltage (ElecMin) error	1x1
Debouncing time healing for heater performance diagnosis in case of error	1x1
Debouncing time healing for heater performance diagnosis	1x1
Delay time for condition for heating during start phase	1x1
Debouncing time for activation of closed loop heating control, TSP sensor	1x1
Debouncing time for activation of closed loop heating control	1x1
Debouncing time for maximum heating hysteresis	1x1
Debouncing time for HEGO sensor heating during predrive	1x1
Deboucing time to disable closed loop heating control	1x1
Debounce time for HEGO heater power stage error	1x1
Debounce time for HEGO heater power stage	1x1
Debouncing time for reset of error stuck in countervoltage band	1x1
delay time for reset of heating start information avoids reset during transition from cold operation to normal mode	1x1
HEGO_tiDebStrtEndDHtg_C	1x1
Debounce time ambient temperature for heater power stage	1x1
Delay time between two load pulses in case of min error suspicion	1x1
Delay time between two load pulses in case of sig error suspicion	1x1
Waiting time between two load pulses	1x1
Delay time between two load pulses in case of sig error suspicion	1x1
Waiting time between two load pulses	1x1
Waiting time between Ri pulses for operating readiness detection	1x1
Delay time between two Ri measurement pulses	1x1
Verlängerungszeit Sonden-Schutzheizen vor Montagetests	1x1
Minimum engine stop time for heater performance diagnosis	1x1
Minimum engine off time for enabling sensor heating with underdesigned power stages (stHtg_CW.Bit7==TRUE)	1x1
Heater power filter time constant for heater performance diagnosis	1x1
Ri Filter time constant for heating control	1x1
Exhaust gas temperature filter time constant for heater performance diagnosis	5x1
Time frame for heater coupling measurement	1x1
Time for reset of heater power stage	1x1
Minimum intake air temperature for heater performance diagnosis	1x1
Duration of pulse for polarization reduction	1x1
Sensor signal freeze time after measurement of internal resistance, HEGO sensor 2	1x1
Maximum battery voltage for heater performance diagnosis	1x1
Mimimum battery voltage for heater performance diagnosis	1x1
Battery voltage threshold for heating switch off	1x1
Maximum battery voltage for heater power stage diagnostics	1x1
Minimum battery voltage for electrical diagnostics	1x1

Sensor voltage threshold for Elec-Max fault during cold operation	1x1
Sensor voltage threshold for Elec-Max fault for cold sensor	1x1
Voltage threshold for electrical max error (short to battery voltage)	1x1
Out-of-range-low voltage-threshold (Elec-Min fault criterion) for LSFX4	1x1
Voltage threshold for electrical min error (short to ground)	1x1
Voltage threshold for LSF Xfour operation readiness detection	1x1
High voltage threshold of HEGO heater power stage	1x1
Low voltage threshold of HEGO heater power stage	1x1
Threshold lean voltage for operating readiness, HEGO sensors 2 and 3	1x1
Threshold rich voltage for operating readiness, HEGO sensors 2 and 3	1x1
Sensor characteristics (inverse lambda linearization), HEGO sensor 2	24x1
Stores which cylinder belongs to which bank	4x1
Stores which cylinder belongs to which ECU	4x1
MSid configuration switch	1x1
Calibration parameter to select the bank used for working point indication of a common CURVE/MAP within a twin-flow system	1x1
Calibration parameter to switch off the second flow within a twin-flow system if this feature was enabled	1x1
High pressure adaptive pressure hold	1x1
Threshold for detection that actual rail pressure is adjusted to its setpoint	1x1
Rail pressure setpoint at CILCN operation range 1	1x1
Rail pressure setpoint at CILCN operation range 2	1x1
Rail pressure setpoint at CILCN operation range 1	1x1
Rail pressure setpoint at CILCN operation range 2	1x1
Rail pressure setpoint at CILCN operation range 1	1x1
Delay time for setting the condition that the actual rail pressure is adjusted to its setpoint	1x1
Threshold position wastegate capsule (min.) for I-part reset	1x1
Threshold position wastegate capsule (max.) for I-part reset	1x1
Constant application lift boost pressure actuator	1x1
Lift for which the wastegate is maximally opened	1x1
Calibration for Condition active gas push ramp	1x1
Negative slope for limitation in case of active safety ignition retardation	1x1
Positive slope for limitation in case of active safety ignition retardation	1x1
Negative engine-speed slope for overspeed limitation at drive-off	1x1
Positive engine-speed slope for overspeed limitation at drive-off	1x1
Negative engine-speed slope for overspeed limitation at drive-off with TractIon Plus	1x1
Positive engine-speed slope for overspeed limitation at drive-off with TractIon Plus	1x1
Minimum descent of engine speed limitation in drag indicator in case of CVT gearboxes	1x1
Maximum reduction of engine speed with drag indicator activ	1x1
Necessary speed reduction to enable the drag indicator	1x1
Permissible reduction of engine speed limit per calculation step	1x1
Permissible increase of engine speed limit per calculation step	1x1
Delta temperature to calculate the upper limit of the the hysterisis , for the calculation of oil temperature.	1x1
Delta temperature for the hysteresis in the calculation of warm up status.	1x1
Weighting factor for NMAX-limitation, dependent on intake air temperature	8x8
Weighting factor for NMAX-limitation, dependent on temperature of coolant medium	8x8
Weighting factor for NMAX-limitation, dependent on fuel temperature	8x8
Weighting factor for NMAX-limitation, dependent on oil temperature	8x8
Upper threshold limit for NMAX-limitation due to temperature for governor.	1x1
Lower threshold limit for NMAX-limitation due to temperature for governor.	1x1
Upper threshold limit for NMAX-limitation due to temperature	1x1
Lower threshold limit for NMAX-limitation due to temperature	1x1
Enabling of clutch state for activation of engine-speed limitation by vehicle standstill to protect the engine and the clutch	1x1
Parameter to switch between standstll conditions	1x1
Engine speed threshold for a limitation in the drive train, which is considered valid	1x1
Parameter to switch between standstll conditions	1x1
Engine speed threshold for a limitation in the drive train, which is considered valid	1x1
Delta to non-Drive-Off engine speed limitation for switching off limitation	1x1
Demanded engine speed during high temperature for governor.	8x8
Demanded engine speed during high temperature	8x8
Engine speed threshold for a limitation in the drive train, which is considered valid	1x1
NMAX-limitation in case of AVS failure	1x1
Engine speed limitation for valve lift system	1x1
Maximum engine speed limit for display (calibratable value)	1x1
Engine speed limit on the inhibition of the FId_HLSDemErr1	1x1
Engine speed limit on the inhibition of the FId_HLSDemErr2	1x1
Maximally permissible engine speed (short-term increased height) in Sportgasses	10x1
Maximal zulässige Motordrehzahl (kurzzeitige Überhöhung) in Tippgasse	10x1
Maximum permissible engine speed (short increase)	10x1
Engine speed limit at safety ignition retard by knock control	1x1
In case of Error of FId: FId_HLSDem_nMaxLimErr1 this value will be used	1x1
In case of Error of FId: FId_HLSDem_nMaxLimErr2 this value will be used	1x1
In case of Error of FId: FId_HLSDem_nMaxLimErr3 this value will be used	1x1
Target value overspeed limitation at drive-off in the first gear with Traction Plus	1x1
Target value overspeed limitation at drive-off in the first gear	1x1
Target value overspeed limitation at drive-off in the reverse gear with Traction Plus	1x1
Target value overspeed limitation at drive-off in the reverse gear	1x1
Max engine speed limit at high oil temperature.	10x8
In case of Error of FId: HLSDem_PModeActv this value will be used	1x1
Codeword of function %HLSDEm_NMaxPTCoord	1x1
Maximally permissible engine speed (stationary) in reverse gear	1x1
Upper engine speed limitaion for reverse gear	1x1
Higher engine speed limit at function request from customer service	1x1
Codeword: maximum engine speed when vehicle is standing	1x1
Maximum engine speed when vehicle is standing	1x1
Offset for standard engine speed limit in the calculation of HLSDem_bNMaxHi	1x1
Maximally permissible engine speed (stationary) in sport mode	10x1
Maximum permissible engine speed in tip shift gutter (stationary)	10x1
Maximum permissible engine speed (stationary)	10x1
Engine speed limit at high engine temperature.	10x1
In case of Error of FId: HLSDem_TModeActv this value will be used	1x1
Gearbox dependant engine speed limitation during fault in vehicle speed detection	4x1
Engine speed limit for automatic transmission at fault of vehicle speed signal	7x1
Engine speed limitation map (in dependancy of the current gear)	8x8
Engine speed threshold for a limitation in the drive train, which is considered valid	1x1
Engine speed threshold for a limitation in the drive train, which is considered valid	1x1
Minimum accelerator pedal value to reset the slope value for positive ramp for high speed limit.	1x1
Minimum clutch ratio for condition drive-off active	1x1
Status: Partcular engine speed limitation considered for engine speed limitation for governor.	1x1
Codewort of function %HLSDem_nMaxEng	1x1
Status: condition set desired transmission speed	1x1
Status:To select desired oil temperature	1x1
Status: Limitations that should be considered for overheat engine speed limitation for Governor.	1x1
Status: Condition for setting desired gearbox speed	1x1
Bit mask for rear gear position	1x1

Bit mask for sport mode	1x1
Bit mask for tipptronic mode	1x1
Speed limitations which is to be displayed as, engine speed limited to 2500rpm in Combi.	1x1
Speed limitations which is to be displayed as, engine speed limited to 4000rpm in Combi.	1x1
Speed limitations which is to be displayed as, engine speed limited to 6000rpm in Combi.	1x1
Temperature selection switch for gear dependant maximum engine speed	1x1
Switch to enable the Traction Plus	1x1
Delay time for the unblocking of the ESP switch at the maximum speed limitation	1x1
Waiting time for resetting condition drive-off active	1x1
Delay time for keeping gear information during gear shifts for or to reverse gear	1x1
Delay for activating the engine speed limitationin case of active safety ignition retardation	1x1
Maximum duration for raised engine speed limit	10x1
Dwell time below lower engine speed limit before activation of upper limit	1x1
Delay time for engine speed limit at fault of vehicle speed signal	1x1
Delay time of maximum speed limitation during stillstand	1x1
Minimum time for which Acc ped value should be less than a calibratable threshold to reset the positive slope to MAXSINT32 for high set point.	1x1
Engine temperature threshold for activation of increased engine speed limit	1x1
Temperature limit (Nmax-limittion) for separation between cold engine mode and warm engine mode	1x1
Vehicle speed threshold for activation of engine speed limitation during still stand	1x1
Maximum vehicle speed for condition drive-off active	1x1
Vehicle speed threshold for activation of increased engine speed limit	1x1
Minimum value of vehicle speed to reset the slope value for positive ramp for high speed limit.	1x1
lower pressure threshold for performing of the 0.5mm tank leak diagnosis	1x1
lower pressure threshold for performing of the 0.5mm tank leak diagnosis	1x1
recation enthalpy for rich gas related to oxygen within main catalyst in J/mg	1x1
Desired wastegate position during fuel cut off	1x1
Desired position wastegate for small speed of the car	1x1
Incase the minimum delay HWSIG_tiPostDrvMin_C is not required, then rountine SyC_ShortenPostDrive can be activated directly by setting HWSIG_stMinTiNotReqd_C to 1, when ShortenPostDrv_Requested is SET	1x1
Min post drive duration before routine SyC_ShortenPostDrive is invoked [min setting 10 Sec]	1x1
Debaunce delay duration for rising edge detection and remains TRUE (30ms as per requirment)	1x1
hysterese value for request of a priority for catalyst heating	1x1
hysteresis for threshold for enabling of determination of maximal allowed engine lambda for component protection in case of scavenging in dependence of nominal value of exhaust lambda	1x1
hysteresis for threshold for consideration of allowed engine lambda because of component protection in case of scavenging	1x1
relative hysteresis at set points of engine torque in KFBDEMBV	1x1
hysteresis for strategy of operation mode KFBDESTR	1x1
hysteresis of engine speed at input of KFBDESTR	1x1
hysteresis for exhaust gas temperature at lambda sensor upstream catalyst	1x1
hysteresis for temperature of main catalyst	1x1
hysteresis for wall temperature at lambda sensor upstream catalyst	1x1
hysteresis for vehicle velocity till the mode HSP for catalyst heating in case of a cold start is required	1x1
Parameter Format Value for Dark Current history Monitor Data (DID E402)	1x1
Parameter Length Value for Dark Current history Monitor Data (DID E402)	1x1
Calibration for Status of CrCtl 1 SFT	1x1
Calibration for Status of Cruise control lamp SFT	1x1
Calibration for Intake Camshaft Phase SDA test data	1x1
Calibration for Intake Camshaft Phase SDA test data	1x1
Calibration for Intake Camshaft Phase SDA test data	1x1
Calibration for Outlet Camshaft Phase SDA test data	1x1
Calibration for Outlet Camshaft Phase SDA test data	1x1
Calibration for Outlet Camshaft Phase SDA test data	1x1
Calibration for Outlet Camshaft Phase SDA test data	1x1
Input output request calibration for capacity factor	1x1
input output request calibration for Fuel pump factor	1x1
Calibration value to check engine speed for Rate of Injection Amount SDA	1x1
input output request calibration for injector valve cylinder factor	1x1
input output request calibration for injector valve factor	1x1
Calibration value for checking engine speed for Reverse Lock.	1x1
Parameter to check engine speed condition using for Turbor Charge Bank SDA tset	1x1
air compressor calibration	1x1
Number corresponding to Accelerator pedal position sensor	1x1
capacity number	1x1
Maximum number of Operation modes allowed for Air Bypass Solenoid Valve FST mode	1x1
digital fan number	1x1
number of fuel number	1x1
Calibration value to check maximum ControlState value for Rate of Injection Amount SDA	1x1
Injector tester flag	1x1
injector tester flag	1x1
Alternator input output value	1x1
Maximum number of Operation modes allowed for Canister Purge Valve MDA FST mode	1x1
Maximum number of Operation modes allowed for Air Bypass Solenoid Valve MDA test FST mode	1x1
Digital value corresponding to cooling fan	1x1
Maximum number of Operation modes allowed for Valve Lift MDA test FST mode	1x1
Maximum number of Operation modes allowed for Intake Camshaft Phase SDA test FST mode	1x1
Maximum number of Operation modes allowed for Outlet Camshaft Phase SDA test FST mode	1x1
Maximum number of modes alllowed for Reverse Lock	1x1
Maximum operation mode number for ThrVlv SFT	1x1
Maximum operation mode number for TrbCh SFT	1x1
Valve lift value	1x1
Upper limit for valve lift value	1x1
Lower limit for valve lift value	1x1
Calibration value to check intake air pressure for Rate of Injection Amount SDA	1x1
Parameter to control the opening of Air Bypass Solenoid Valve SDA test	1x1
Parameter to control the opening of Air Bypass Solenoid Valve SDA test	1x1
Parameter to control the opening of Air Bypass Solenoid Valve MDA test	1x1
Parameter to control the opening of Air Bypass Solenoid Valve MDA test	1x1
Parameter to control the closing of Turbor Charge Bank 1 SDA test	1x1
Parameter to control the opening of Turbor Charge Bank 1 SDA test	1x1
Digital fan temperature	1x1
Calibration value to check engine coolant temperature for Rate of Injection Amount SDA	1x1
Calibration value to check engine coolant temperature for Rate of Injection Amount SDA	1x1
Upper limit of injector tester cylinder temperature	1x1
Lower limit of injector tester cylinder temperature	1x1
Upper limit of Intake Camshaft Phase SDA temperature	1x1
Lower limit of Intake Camshaft Phase SDA temperature	1x1
Upper limit of Outlet Camshaft Phase SDA temperature	1x1
Lower limit of Outlet Camshaft Phase SDA temperature	1x1
valve lift temperature.	1x1
Air compressor voltage	1x1
Canister Purge Valve calibration for Power voltage check when engine is running	1x1
Capacity voltage	1x1

Air Bypass Solenoid Valve running voltage SDA test	1x1
Voltage coresponding to Air Bypass Solenoid Valve	1x1
Digital voltage of fan running	1x1
Digital voltage of fan running	1x1
Fuel pump running voltage	1x1
voltage coresponding to fuel pump	1x1
Calibration value to check battery voltage for Rate of Injection Amount SDA	1x1
Calibration value to check battery voltage for Rate of Injection Amount SDA	1x1
voltage corresponding to injector test run	1x1
voltage corresponding to injector test stall	1x1
voltage corresponding to injector test	1x1
Canister Purge Valve runing Voltage	1x1
Voltage coresponding to Air Bypass Solenoid Valve MDA test	1x1
Air Bypass Solenoid Valve running voltage MDA test	1x1
Voltage coresponding to Air Bypass Solenoid Valve MDA test	1x1
Parameter to check power voltage condition using for for Intake Camshaft Phase SDA test when engine is running	1x1
Parameter to check power voltage condition using for for Intake Camshaft Phase SDA test when engine is not running	1x1
Parameter to check power voltage condition using for for Outlet Camshaft Phase SDA test	1x1
voltage corresponding to throttle valve	1x1
voltage coresponding to Turbor Charge bank 1	1x1
voltage corresponding to valve lift run	1x1
voltage coresponding to Turbor Charge bank 1	1x1
voltage corresponding to valve lift run	1x1
voltage corresponding to valve lift stall	1x1
Velocity corresponding to Accelerator pedal position sensor	1x1
Calibration value for checking vehicle speed for Reverse Lock.	1x1
Calibration for status of request to cancel differential pressure through tester	1x1
Limit for fault counter, summary, counts emission relevant misfirings of all cylinders	1x1
air compressor status mask	2x1
alternator input output mask	2x1
mask for Accped postion sensor Mda	2x1
Condition check Mask Canister Purge Valve MDA Test	2x1
capacity status mask	2x1
Calibration for run time optimization for sub function 02 of RDTC service	1x1
Calibration for run time optimization for sub function 0A of RDTC service	1x1
Calibration for run time optimization for sub function 01 of RDTC service	1x1
Calibration for run time optimization for sub function 02 of RDTC service	1x1
Calibration for run time optimization for sub function 0A of RDTC service	1x1
I14229 RMBA service enable	1x1
Condition check Mask for Air Bypass Solenoid Valve MDA Test	2x1
Condition check Mask for Air Bypass Solenoid Valve SDA Test	2x1
Digital fan status mask (MDA)	2x1
digital fan status mask calibration array.	2x1
Fuel pump status mask calibration array.	2x1
element use to conver to VTC system cam shaft no advanced absolute position	1x1
Calibration value for checking the compressor volume control current	1x1
Calibration value to mask the condition checking for Rate of Injection Amount SDA	2x1
Calibration mask for Injector tester service	2x1
Injector tester status mask calibration array.	2x1
Calibration of upper safety limit of AC hysterisis	1x1
Calibration of lower safety limit of AC hysterisis	1x1
Calibration of upper lmit of engine speed hysterisis	1x1
Calibration of lower limit engine speed hysterisis	1x1
Calibration of upper lmit of engine speed hysterisis	1x1
Calibration of lower limit engine speed hysterisis	1x1
Calibration high hysteresis value for checking engine speed	1x1
Calibration value for checking engine speed	1x1
maximum value of engine speed for high presure routine control	1x1
Max possible number of ABS fail safe action	1x1
Replacement value of possible number of ABS fail safe action cancel execution in case of EEPROM error	1x1
Algorithm type ID for Engine starter information	1x1
Valid data length for Engine starter information	1x1
array include brake related DTCs	5x1
Calibration for ECU Component ID	17x1
DTC codes of VBM	5x1
Valid data length(Used in process for inspection)	1x1
Calibration for ECU Program ID	14x1
ECU ID for rewriting (Info Read Service)	5x1
ECU ID for rewriting (Info Read Service)	5x1
Algotrithm Type for Backup purpose	1x1
Valid data length for Backup purpose	1x1
Brake Vacuum Booster Monitoring ECU ID Calibration data	5x1
Condition check Mask for Intake Camshaft Phase SDA Test	2x1
Condition check Mask for Outlet Camshaft Phase SDA Test	2x1
Condition check mask for Reverse Lock	2x1
Array with all signal numbers used for freeze frame readout using srevice $22	62x1
Alternating current comparision deactiavtion request substitute calibration	1x1
Calibration to enable or disable VIN Diagnosis	1x1
input output mask support (MDA)	1x1
Bit mask for SFT of individual devices	1x1
Calibration corresponding to Status of oil flow completion sustitute	1x1
DS0 block reading enable calibration	1x1
parameter to enable Security check condition	1x1
Whether clear information is stored in other units or not	1x1
Calibration of upper value for checking coolant temperature	1x1
Whether clear information is stored in other units or not	1x1
Calibration of upper value for checking coolant temperature	1x1
Calibration of lower value for checking coolant temperature	1x1
Engine condition check Mask for Line End Tester and Service Tool. (ThrVlv SFT)	2x1
Time to return when it have request reset CVO	1x1
Calibration value for checking EWG offset learning abortion.	1x1
Calibration value for checking EWG offset learning time out.	1x1
Calibration corresponding to force active timer	1x1
calibration corresponding to Diag time	1x1
Calibration corresponding to oil flow completion sustitute time	1x1
Calibration value for protection timer condition check	1x1
Calibration value for protection timer condition check	1x1
Timer for the switch histroy delay.	1x1
Maximum duration of throttle valve SFT	1x1
Timeout time for clear process	1x1
Engine condition check Mask for Line End Tester and Service Tool. (TrbCh SFT)	2x1
Long term adaptation value of lower electrical stop sensor 1 bank 1 factor	1x1
Calibration of lower value for checking battery voltage	1x1
Calibration of lower value for checking vehicle speed	1x1
valve lift status mask (MDA)	2x1

valve lift status mask	2x1
Vehicle speed check limit	1x1
Caibration limit to decide throttle valve is open or close	1x1
Caibration corresponding to fuel pump signal	1x1
Calibration value for checking Accel pedal position	1x1
Calibration Identification for Carb $09	14x1
Maximum engine speed for Mode$04 Clear Diagnostic Information	1x1
OBD requirements to which vehicle is designed	1x1
External Test Equipment Configuration Information. Maximum value for Equivalence Ratio	1x1
External Test Equipment Configuration Information. Maximum value for Oxygen Sensor Voltage	1x1
External Test Equipment Configuration Information. Maximum value for Oxygen Sensor Current	1x1
External Test Equipment Configuration Information. Maximum value for Intake Manifold Absolute Pressure.	1x1
External Test Equipment Configuration Information. Maximum value for ""Air Flow Rate from Mass Air Flow Sensor	1x1
OBD requirements to which vehicle is designed	1x1
Shows which Auxiliary Inputs / Outputs are supported in PID65	1x1
Shows which exhaust gas temperature for bank 1 data are supported in PID98	1x1
Calibration for Exhaust Gas Temperature Sensor Data support information	1x1
Shows if HybridEV Vehicle State is supported in PID9A	1x1
I15031_srv9PIDTable.PID0_C	1x1
I15031_srv9PIDTable.PID1_C	1x1
I15031_srv9PIDTable.PID2_C	1x1
I15031_srv9PIDTable.PID3_C	1x1
I15031_srv9PIDTable.PID4_C	1x1
I15031_srv9PIDTable.PID5_C	1x1
I15031_srv9PIDTable.PID6_C	1x1
I15031_srv9PIDTable.PID7_C	1x1
I15031_srv9PIDTable.PID8_C	1x1
I15031_srv9PIDTable.PID9_C	1x1
I15031_srv9PIDTable.PIDA_C	1x1
I15031_srv9PIDTable.PIDB_C	1x1
Start of support calculation for Service0102	1x1
offset on ignition angle offset for exhaust valve lift.	12x16
ignition angle for catalyst heating during idle speed for exhaust valve lift	4x4
Latest ignition angle for exhaust valve lift variant 2 for outlet camshaft control	12x16
Latest ignition angle for exhaust valve lift variant 2	12x16
Latest ignition angle for exhaust valve lift for outlet camshaft control	12x16
Latest ignition angle for exhaust valve lift.	12x16
Counter threshold of number of ignitions from ignition counter until enabling of diagnosis at low engine speed	1x1
lock injection in case of ignition error on whole motor bench	1x1
Codeword for Injection shutoff.	1x1
Lower Engine Speed threshold for diagnosis enable	1x1
Maximum threshold VBat for diagnosis ignition powerstage fault evaluation	1x1
Minimum threshold VBat for ignition powerstage fault evaluation	1x1
Activation of ignition angle calculation for iced up throttle valve	1x1
Detection of engine idle speed for activation of ignition angle calculation for iced up throttle valve	1x1
Temperature depending retarded ignition angle curve in case of iced throttle valve	6x1
number of combustions for min. ignition angles during VTEC switch with negativ jump in air charge	1x1
Number of cycles for which IKCtl_flgInjTmngChg is delayed	1x1
correction factor for knock detection thresh. in case of change of speed dynamics	13x1
correction factor for knock detection thresh. in case of load dynamics	13x1
Codeword for additional delta ignition angles	1x1
Load hysteresis for knock detection at pre-ignition	1x1
load hysterisis for adaptation maps	1x1
load range for adaption maps 1	13x1
load range for adaption maps 2	13x1
load range for adaption maps 3	13x1
cylinder individual load limit, above which leading cylinder functionality is active	4x1
threshold of load for limitation of the air charge through ignition angle retardation	8x1
threshold of load for limitation of the air charge through ignition angle retardation	8x1
Load threshold for knock detection	13x1
load-signal threshold knock control	13x1
Minimum integrated mass flow purge control for activation CPV-check to intake manifold	1x1
Minimum integrated mass flow purge control for activation CPV-check to turbo path	1x1
Minimum integrated mass flow purge control for activation CPV-check to turbo path since last reset	1x1
Minimum integrated mass flow purge control for activation CPV-check to turbo path since last reset	1x1
Minimum integrated mass flow purge control for activation CPV-check to intake manifold since last reset	1x1
Minimum integrated mass flow purge control for activation CPV-check to intake manifold since last reset	1x1
IUMPR-group of EONV 0.5mm (0.02"")	1x1
IUMPR-group of HFM-rationality-monitor	1x1
IUMPR-group of PVD-rationality-monitor	1x1
IUMPR-group of MAF-based dump valve diagnosis	1x1
IUMPR-group of pressure-based dump valve diagnosis	1x1
IUMPR-Group of tank leak test 1.0mm	1x1
IUMPR-Group of tank leak test (rough leak)	1x1
IUMPR-group for diagnosis air boost control	1x1
maximum integrated air mass for request catalyst heating (restart)	1x1
Threshold air mass integral before lambda control enable after cylinder cut-off	1x1
integrated flow of air-mass at hot start	1x1
minimal heating progress for requirement for operation mode HSP for catalyst heating	1x1
maximal heating progress till a requirement for operation mode HSP for catalyst heating is set	1x1
maximum catalyst heating progress (imlpr_w) for reset catalyst heating request by cold engine	1x1
air mass threshold for forced activation of fuel mixture adaptation	1x1
thresh.value integr.air mass for activ.delay of lambda contr.after fuel cut-off	1x1
threshold for integrated nominal air mass for catalyst heating with consideration of heating energy inside the catalyst by start	1x1
Calibration parameter for SAID changes	1x1
Threshold engine air mass integral for stop inhibit	1x1
inverse/reciprocal value of maximum possible exhaust gas flow for normalization of ATR	1x1
Threshold reset intregral purge mass flow for open loop fuel purge	1x1
Threshold integral of purge mass flow to enable check filler cap diagnosis	1x1
min. integral of purge mass flow for TLD	1x1
min. threshold integrated massflow CPV for limitation relative opening CPV dependant of load of canister	1x1
min. canister purge mass for error suspicion via dfrmk_w	1x1
min. canister purge mass for error suspicion via dfrm_w	1x1
Debouncing time fault detection temperature radiator output	1x1
init value FRA	1x1
init value ORA	1x1
Initial value for the average compression injection angles in HP3S	1x1
To synchronise InjSys_flgNoInjReq with luts	1x1
angle till a post injection can be merged with a main injection	1x1

Cylinder individual factor for relative fuel mass for calibration	4x1
Angle injection beginning 1st of suction stroke injection in the HSP during catalisator heating	8x8
Offset begin angle of first suction stroke injn. in mode HO2	8x10
Offset begin angle of first suction stroke injn. mode HO3	8x10
Begin Angle of first suction stroke injn. in mode HP2	8x8
Begin Angle of first suction stroke injn. in mode HP3	8x8
Angle injection beginning 1st of suction stroke injection in the HSP	8x8
Begin angle of first suction stroke injn. in warm in mode HOx, extended	12x12
Begin Angle of first suction stroke injn. warm in mode HP2	8x8
Begin Angle of first suction stroke injn. warm in mode HP3	8x8
Delta angle of end angle comp. inj. to ignition in HP2Z	8x10
Delta angle of end angle comp. inj. to ignition in HP2Z during warm-up	8x10
Delta angle for begin angle first suction stroke injection depending on lambas in injection mode HOx	3x3
Delta angle for begin angle first suction stroke injection depending on engine and oil temperature	8x10
Delta angle for begin angle first suction stroke injection depending on engine and oil temperature	8x10
Delta angle of end angle 2nd comp. inj. to ignition in HP3Z	8x10
Delta angle of end angle 2nd comp. inj. to ignition in HP3Z during warm-up	8x10
End angle of 1st injection in hp2 while catalyst heating	8x8
First compression stroke end angle in HP3Z at cat heating	8x8
End angle of the injection in compression stroke in mode HP2	8x8
End angle of 1st compression stroke in EA hp3z	8x8
End angle of the injection in compression stroke in mode HP2	8x8
End angle of 1st compression stroke in EA hp3z	8x8
End angle of the injection in compression stroke warm in mode HP2	8x8
End angle of 3rd injection in hp3 while catalyst heating	8x8
End angle of 2nd compression injection in hp3	8x8
End angle of 2nd compression stroke warm in EA hp3	8x8
Maximal earlier angle from CVO additional injection before the first injection	1x1
maximum permitted injection angle deviation for CSERS diagnosis	1x1
Codeword for diagnosis catalyst heating with multiple injection	1x1
Factor for calculation fuel consumption	6x6
Correction factor for rel fuel mass from transient compensation VVT	5x5
InjSys_facCylIndCorrn0_ATS_ATS.LimitTypeMsk_C	1x1
InjSys_facCylIndCorrn0_ATS_ATS.CnvNorm_C	1x1
InjSys_facCylIndCorrn0_ATS_ATS.LowLim_C	1x1
InjSys_facCylIndCorrn0_ATS_ATS.UpLim_C	1x1
InjSys_facCylIndCorrn0_ATS_ATS.CnvFac_C	1x1
InjSys_facCylIndCorrn0_ATS_ATS.CnvOfs_C	1x1
InjSys_facCylIndCorrn0_ATS_ATS.DfltVal_C	1x1
InjSys_facCylIndCorrn1_ATS_ATS.LimitTypeMsk_C	1x1
InjSys_facCylIndCorrn1_ATS_ATS.CnvNorm_C	1x1
InjSys_facCylIndCorrn1_ATS_ATS.LowLim_C	1x1
InjSys_facCylIndCorrn1_ATS_ATS.UpLim_C	1x1
InjSys_facCylIndCorrn1_ATS_ATS.CnvFac_C	1x1
InjSys_facCylIndCorrn1_ATS_ATS.CnvOfs_C	1x1
InjSys_facCylIndCorrn1_ATS_ATS.DfltVal_C	1x1
InjSys_facCylIndCorrn2_ATS_ATS.LimitTypeMsk_C	1x1
InjSys_facCylIndCorrn2_ATS_ATS.CnvNorm_C	1x1
InjSys_facCylIndCorrn2_ATS_ATS.LowLim_C	1x1
InjSys_facCylIndCorrn2_ATS_ATS.UpLim_C	1x1
InjSys_facCylIndCorrn2_ATS_ATS.CnvFac_C	1x1
InjSys_facCylIndCorrn2_ATS_ATS.CnvOfs_C	1x1
InjSys_facCylIndCorrn2_ATS_ATS.DfltVal_C	1x1
InjSys_facCylIndCorrn3_ATS_ATS.LimitTypeMsk_C	1x1
InjSys_facCylIndCorrn3_ATS_ATS.CnvNorm_C	1x1
InjSys_facCylIndCorrn3_ATS_ATS.LowLim_C	1x1
InjSys_facCylIndCorrn3_ATS_ATS.UpLim_C	1x1
InjSys_facCylIndCorrn3_ATS_ATS.CnvFac_C	1x1
InjSys_facCylIndCorrn3_ATS_ATS.CnvOfs_C	1x1
InjSys_facCylIndCorrn3_ATS_ATS.DfltVal_C	1x1
ti-correction for variable rail pressure	18x1
Factor to correct fuel delivery system dependent on engine speed	8x1
CVO mask to release the injection measurement	1x1
Index-point rail pressure transition range CVO	1x1
Index-point rail pressure transition range CVO	1x1
Index-point rail temperature transition range CVO	1x1
Index-point rail temperature transition range CVO	1x1
Index-point rail temperature transition range CVO	1x1
Delta hysterese of engine speed in the allowed range	1x1
engine speed limit for 1 injection + additional CVO injection	2x1
engine speed limit for 2 injections + additional CVO injection	2x1
engine speed limit for 3 injections + additional CVO injection	2x1
minimum engine speed for release of CVO basic adaption	1x1
Lower speed threshold of CVO allowed range	1x1
number of normal injections between two CVO-injections	1x1
CVO adaptation pressure priority for temperature step 1 array	5x1
CVO adaptation pressure priority for temperature step 1 array	5x1
CVO adaptation pressure priority for temperature step 2 array	5x1
CVO adaptation pressure priority for temperature step 2 array	5x1
CVO adaptation pressure priority for temperature step 3 array	5x1
CVO adaptation pressure priority for temperature step 3 array	5x1
CVO adaptation pressure priority for temperature step 4 array	5x1
CVO adaptation pressure priority for temperature step 4 array	5x1
CVO adaptation pressure priority for temperature step 4 array	5x1
needed priority for DSM to run CVO-function with high priority	1x1
Upper speed threshold of CVO allowed range	1x1
CVO operation pressure range around the pressure interpolation point	1x1
CVO enable threshold to avoid adaption and crontrol in the fuel rail low pressure area	1x1
Permitted fault ratio for diagnosis catalyst heating with multiple injection	1x1
Hysterese delta value for minimal relative fuel charge during CVO basic adaption	1x1
Minimal relative fuel charge during CVO basic adaption	1x1
relative fuel mass HOM3 or HSP3 1. injection for test bench	1x1
relative fuel mass HOM3 or HSP3 2. injection for test bench	1x1
relative fuel mass HOM3 or HSP3 3. injection for test bench	1x1
table for maximum ballistic relative injection mass	6x1
table for minimum relative injection mass in ballistic range	6x1
table for minimum relative injection mass in linear range	6x1
table for minimum ballistic relative injection mass	6x1
Relative fuel mass in HP2Z compression stroke injection in catalyst heating mode	8x10
Relative fuel mass in HP3Z compression stroke injection in catalyst heating mode	8x10
Relative fuel mass in HP2Z compression stroke injection	8x10
Relative fuel mass in HP3Z compression stroke injection	8x10

curve relative fuel mass HP3Z 2nd compression stroke injection in catalyst heating mode	8x10
curve relative fuel mass HP3Z 2nd compression stroke injection	8x10
Group map for second relative fuel mass im hp2 during cat heating	8x10
Group map for second relative fuel mass im hp3 during cat heating	8x10
Group map for second relative fuel mass in HOM2	8x10
Group map for Second relative fuel mass im HOM3	8x10
Group map for second relative fuel masse im HP2	8x10
Group map for second relative fuel masse im hp3	8x10
Group map for second relative fuel masse im HP2 during warm up	8x10
Group map for second relative fuel masse im hp3 during warm up	8x10
Group map for third relative fuel masse im hp3 during cat heating	8x10
Group map for third relative fuel masse im HOM3	8x10
Group map for third relative fuel masse im hp3	8x10
Group map for third relative fuel masse im hp3 during warm up	8x10
direct application value for the second relative injection mass	1x1
direct application value for the third relative injection mass	1x1
Maximal relative air charge during CVO basic adaption	1x1
Factor relative mass correction injection mode HP2z with ignition coupling during cat heating	8x6
Factor relative mass correction injection mode HP2 during cat heating	8x9
Factor relative mass correction injection mode HP3z with ignition coupling during cat heating	8x6
Factor relative mass correction injection mode HP3 during cat heating	8x6
Factor relative mass correction injection mode HP3z with ignition coupling during cat heating	8x6
Factor relative mass correction injection mode HP3 during cat heating	8x6
Factor relative mass correction injection mode HO1	8x10
Factor relative mass correction injection mode HO2	8x9
Factor relative mass correction injection mode HO3	8x6
Factor relative mass correction injection mode HSP2Z with ignition coupling	8x6
Factor relative mass correction injection mode HSP2	8x9
Factor relative mass correction injection mode HSP3 with ignition coupling	8x6
Factor relative mass correction injection mode HSP3	8x6
code word to release Timin control during the CVO basic adaption	1x1
CVO codeword for application control	1x1
enabling of fuel mass correction during CVO basic adation	1x1
CVO codeword to request a higher priority for adaption	1x1
Codeword for bench mode relative fuel mass	1x1
parameter to chose the temperature for the fuel density correction	1x1
Codeword for bench mode injection	1x1
temperature hysteresis around the temperature operation area	1x1
CVO first application injection for system test bench	1x1
CVO second application injection for system test bench	1x1
CVO third application injection for system test bench	1x1
Map factor time pause for definition of the time pause between 1st and 2nd injection in HP3 while catalyst heating	8x8
Map time pause between 1st and 2nd injection in HO2	6x6
Map time pause between 1st and 2nd injection in HO3	3x6
Map factor time pause for definition of the time pause between 1st and 2nd injection in HP3	8x8
Map factor time pause for definition of the time pause between 1st and 2nd injection in HP3	8x8
Map time pause between 2nd and 3rd injection in HO3	3x6
Break time from CVO additional injection before the first injection	1x1
Minimum time in catalyst heating with multiple injection for diagnosis decision	1x1
Delta injection time end of ballistic range	1x1
Delta injection time end of ballistic range	1x1
Linear HDEV main characteristic curve	30x1
Linear HDEV main characteristic curve	30x1
Linear HDEV main characteristic curve	30x1
time delay for request injection mode CVO	1x1
Minimal allowed under threshold Open time HDEV CVO basic adaption injection	1x1
Maximal allowed under threshold Open time HDEV CVO basic adaption injection	1x1
Curve open time HDEV	10x1
Linear HDEV main characteristic curve (inverse curve to InjSys_tiInjLnr_T)	30x1
maximum time injection threshold for torque reserve request.	1x1
Offset to calculation of torque reserve for CVO	1x1
minimum injection time during idle for calculation of quotient ti to timin for purge control regarding CVO	1x1
minimum injection time for calculation of quotient ti to timin for purge control regarding CVO	1x1
table for minimum injection time for operation mode switching	6x1
table for minimum injection time for general injection mode switching	6x1
Curve open time HDEV inverse	10x1
Maximum value injection open time in ballistic range	1x1
Maximum value injection open time in ballistic range	1x1
Minimum value injection open time in full lift range	1x1
Minimum value injection open time in full lift range	1x1
Injection open time reference point CVO	1x1
Injection open time reference point CVO	1x1
Permissible poststarting time for CVO operation	1x1
maximum permitted pause time deviation for CSERS diagnosis	1x1
maximum permitted injection time deviation for CSERS diagnosis	1x1
filter time constant for variable valve timing	9x1
Operating temperature area around the temperature interpolation point	1x1
Torque reserve request for CVO	6x1
lower battery voltage level for CVO operation	1x1
upper battery voltage level for CVO operation	1x1
Minimum vehicle speed for CVO base adaptation	1x1
Desired booster voltage	1x1
Suppression-Mask for Error: OpenLoad	4x1
Suppression-Mask for Error: Short Circuit On Bank (HighSide)	4x1
Suppression-Mask for Error: Short Circuit On Cylinder (LowSide)	4x1
Suppression-Mask for Error: Short Circuit between High- and LowSide	4x1
Upper limit of the booster current	1x1
Lower limit of the booster current	1x1
Upper limit of the DCDC-charge current	1x1
Lower limit of the DCDC-charge current	1x1
Upper limit of the holding current	1x1
Lower limit of the holding current	1x1
Upper limit of the pick up current	1x1
Lower limit of the pick up current	1x1
Number of booster pulses	1x1
Maximum booster time	1x1
End of the pick up phase after start of injection	1x1
Upper limit of the booster current	1x1
Lower limit of the booster current	1x1
Upper limit of the DCDC-charge current	1x1
Lower limit of the DCDC-charge current	1x1
Upper limit of the holding current	1x1

Lower limit of the holding current	1x1
Upper limit of the pick up current	1x1
Lower limit of the pick up current	1x1
Number of booster pulses	1x1
Maximum booster time	1x1
End of the pick up phase after start of injection	1x1
Upper limit of the booster current	1x1
Lower limit of the booster current	1x1
Upper limit of the DCDC-charge current	1x1
Lower limit of the DCDC-charge current	1x1
Upper limit of the holding current	1x1
Lower limit of the holding current	1x1
Upper limit of the pick up current	1x1
Lower limit of the pick up current	1x1
Number of booster pulses	1x1
Maximum booster time	1x1
End of the pick up phase after start of injection	1x1
minimum number of intact cylinders required for engine operation	1x1
max. battery threshold for enable CJ840 diagnosis	1x1
min. battery threshold for enable CJ840 diagnosis	1x1
Injection bank in which the cylinder is located (=x-1 for MVxy in the ""Brunnerplan"")	4x1
State line number corresponding to the cylinder	4x1
ASIC number corresponding to the customer cylinder	4x1
Release of the usage of the ti-correction	1x1
selection of the injection puls used for the measurement variables of the dti calculation	1x1
enum from rba_IoSigIfAdapt_Cfg_Fsc.h	1x1
Maximum pressure threshold for CVO adaption in full lift area	1x1
max. pressure threshold for full lift control	1x1
Maximum difference pressure at injector for CVO	1x1
Minimum pressure threshold for CVO adaption in full lift area	1x1
min. pressure threshold for full lift control	1x1
Minimum difference pressure at injector for CVO	1x1
Minimum value injection open time for adaption in full lift range	1x1
Minimum value injection open time for control in ballistic range	1x1
Minimum value injection open time for control in full lift range	1x1
Maximum rail temperature for adaption full lift CVO	1x1
Minimum rail temperature for adaption full lift CVO	1x1
maximum value for I-Anteil	1x1
bitmask for comparison of target mode, set mode and actual mode	1x1
bitmask2for comparison of target mode, set mode and actual mode	1x1
Bitmask for comparison with actual mode for fast mode switch-over.	1x1
Bitmask for comparison with set mode for fast mode switch-over.	1x1
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stuck-check sensor 1: necessary number of low-phases	1x1
stuck-check sensor 2: necessary number of high-phases	1x1
stuck-check sensor 2: necessary number of low-phases	1x1
debounce ffor enabling Snsr-SRC	1x1
debounce for enabling Snsr-SRC	1x1
TFA-SRC pressure-quotient	1x1
Characteristic line to linearize the intake air temperature of Snsr1 (word)	20x1
Characteristic line to linearize the intake air temperature of Snsr2 (word)	20x1
air-mass threshold used for limitation of intake air temperature sensor tfa1 after initialization	1x1
air-mass threshold used for limitation of intake air temperature sensor tfa2 after initialization (SY_TFAKON 0)	1x1
Maximum air mass flow to enable the electrical diagnosis of the intake air temperature sensor	1x1
high-side-check sensor 1: threshold for physical diagnosis enabling	1x1
high-side-check sensor 1: threshold for physical diagnosis enabling	1x1
high-side-check sensor 2: threshold for physical diagnosis enabling	1x1
high-side-check sensor 2: threshold for physical diagnosis enabling	1x1
stuck-check sensor 1: minimum air mass for detection of the high-phase	3x1
stuck-check sensor 1: ml-threshold for high-phase	1x1
stuck-check sensor 1: ml-threshold for low-phase	1x1
stuck-check sensor 1: ml-threshold for low-phase	1x1
stuck-check sensor 2: minimum air mass for detection of the high-phase	3x1
stuck-check sensor 2: ml-threshold for high-phase	1x1
stuck-check sensor 2: ml-threshold for low-phase	1x1
stuck-check sensor 2: ml-threshold for low-phase	1x1
Codeword: limitation of intake air temperature signal for sensors mounted in HFM	1x1
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Configuration for SignalRangeCheck TFA-Sensor	1x1
Code word for the configuration of the High-Side-Check for the intake air temperature sensor 1	1x1
Code word for the configuration of the High-Side-Check for the intake air temperature sensor 2	1x1
Code word to configure the intake air temperature in manifold IntkAirT_tThrVlvUs	1x1
Code word for the configuration of the Physical-Range-Check for the intake air temperature sensor 1	1x1
Code word for the configuration of the Physical-Range-Check for the intake air temperature sensor 2	1x1
Code word for the configuration of the Stuck-Check for the intake air temperature sensor 1	1x1
Code word for the configuration of the Stuck-Check for the intake air temperature sensor 2	1x1
Codeword to configure IntkairT_VdReplMdlSnsr1	1x1
Codeword to configure IntkairT_VdReplMdlSnsr2	1x1
Default intake air temperature value for PID68 signal Tester	1x1
Minimum engine temperature to enable the electrical check of the intake air temperature sensor	1x1
engine temperature threshold for enabling the electrical check of TFA-sensor	1x1
high-side-check sensor 1: temperature threshold for healing	1x1
high-side-check sensor 1: characteristic map to calculate the model value for high-side-check	3x3
high-side-check sensor 2: temperature threshold for healing	1x1
high-side-check sensor 2: characteristic map to calculate the model value for high-side-check	3x3
debonce time for error detection (minmax) for intake air temperature sensor Snsr1	1x1
debonce time for error detection (minmax) for intake air temperature sensor Snsr2	1x1
debonce time for healing of intake air temperature sensor Snsr1 (SY_TFAKON 0)	1x1
debonce time for healing of intake air temperature sensor Snsr2 (SY_TFAKON 0)	1x1
High-Side-Check sensor 1: debounce-time for physical diagnosis enabling	1x1
high-side-check sensor 1: debounce-time for error-entry	1x1
high-side-check sensor 1: debounce time for error-healing	1x1
High-Side-Check sensor 1: maximal interrupt time of the air-mass flow for diagnosis enabling	1x1
High-Side-Check sensor 2: debounce-time for physical diagnosis enabling	1x1
high-side-check sensor 2: debounce-time for error-entry	1x1
high-side-check sensor 2: debounce time for error-healing	1x1
High-Side-Check sensor 2: maximal interrupt time of the air-mass flow for diagnosis enabling	1x1
Time constant of lowpass for the intake air temperature in manifold	1x1
Debouncing time of lowpass filter for the intake air temperature in manifold	1x1

Debouncing time for error entry (min/max) for Physical-Range-Check TFA1	1x1
Debouncing time for error healing (min/max) for Physical-Range-Check TFA1	1x1
Debouncing time for error entry (min/max) for Physical-Range-Check TFA2	1x1
Debouncing time for error healing (min/max) for Physical-Range-Check TFA2	1x1
stuck-check sensor 1: maximum allowed time-duration outside high-phase	1x1
stuck-check sensor 1: minimum necessary time-duration for hig-phase-cycle	1x1
stuck-check sensor 1: maximum allowed time-duration outside low-phase	1x1
stuck-check sensor 1: minimum necessary time-duration for low-phase-cycle	1x1
stuck-check sensor 2: maximum allowed time-duration outside high-phase	1x1
stuck-check sensor 2: minimum necessary time-duration for hig-phase-cycle	1x1
stuck-check sensor 2: maximum allowed time-duration outside low-phase	1x1
stuck-check sensor 2: minimum necessary time-duration for low-phase-cycle	1x1
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Jump-Check intake air temperature sensor Snsr1: debounce time 2 (SY_TFAJEC 0)	1x1
Jump-Check intake air temperature sensor Snsr1: debounce time 2 (SY_TFAJEC 0)	1x1
Jump-Check intake air temperature sensor Snsr2: debounce time 2 (SY_TFAKON 0 and SY_TFAJEC)	1x1
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time constant for lowpass filter of SnSr1 lin	1x1
time constant for lowpass filter of Snsr2 lin	1x1
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Minimum permissible temperature for Physical-Range-Check intake air temperature sensor 1	1x1
Maximum permissible temperature for Physical-Range-Check intake air temperature sensor 2	1x1
Minimum permissible temperature for Physical-Range-Check intake air temperature sensor 2	1x1
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Characteristic curve to calculate the model based intake air temperature sensor 2	3x1
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stuck-check sensor 1: Threshold for error detection	20x1
stuck-check TFA1: Threshold of motor temperature for high-phase	1x1
stuck-check sensor 2: threshold of the motor start temperature for enabling the diagnosis	1x1
stuck-check sensor 2: Threshold for error detection	20x1
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high-side-check sensor 2: Threshold of vehicle speed for enabling diagnosis	1x1
stuck-check sensor 1: Threshold of vehicle speed fr high-phase	1x1
stuck-check sensor 1: Threshold of vehicle speed fr low-phase	1x1
stuck-check sensor 2: Threshold of vehicle speed fr high-phase	1x1
stuck-check sensor 2: Threshold of vehicle speed fr low-phase	1x1
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Fault count limit: overrun total dti in the ballistic area	1x1
Fault count limit: overrun of total dti in the full lift	1x1
Heal count limit: overrun total dti in the ballistic area	1x1
Heal count limit: overrun of total dti in the full lift	1x1
Fault count limit: measured tantot outside tolerance range to default tantot	1x1
Fault count limit: measured plateau outside tolerance range	1x1
Fault count limit: no tab found	1x1
counter of fulllift injection to activate ballistiv test injection	1x1
Heal count limit: no tab found	1x1
Fault count limit: injector change recognition (ballistic pulse)	1x1
number of ballistic injections in similar conditions to heal DFCs	1x1
number of full-Lift injections in similar conditions to heal DFCs	1x1
counter of errors for detection a signal evaluation error	1x1
counter for correct signal evaluation for healing the error	1x1
Counter for correct signal evaluation to switch off the Mil	1x1
Counter for not correct signal evaluation to switch on the Mil	1x1
Fault count limit: tab outside tolerance range	1x1
Heal count limit: tab outside tolerance range	1x1
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delta ti open to the last measurement, till the bal. integrator is ramped down	1x1
max. open time difference in the ballistic, where the complete controller value ist used	1x1
distance of the opening time between max. controllimit to end of ballistic area	1x1
ballistic slop correction: influence of fulllift tab	1x1
ballistic slop correction: influence of pressure	1x1
ballistic slop correction: influence of tantot	1x1
ballistic slop correction: influence of topen at the end of the balistic area	1x1
ballistic slop correction: offset	1x1
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Limit: Number of injections until a new base adaption is triggered	1x1
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Limit: number of successive dtopen in the tolerance range as stability condition	1x1
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Reset drag pointers	1x1
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activate delta ti correction during tantot detection	1x1
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amplification factor for adaption tab low pass filter	1x1
amplification factor for tab low pass filter	1x1
threshold to adopt the filter value as adaption value	1x1
dti default value during full lift	4x1
delta ti open to the last measurement, till the full lift integrator is ramped down	1x1
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pressure dependent gradient correction of the adapted full lift tab	1x1
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CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	5x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	5x1
CVO signal evaluation cal. label	5x11
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	6x5
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CVO signal evaluation cal. label	1x1
CVO signal evaluation cal. label	1x1
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KLTLDSFS05	10x1
KLTLDSFS10	10x1
Threshold for tank leak diagnosis	10x1
Threshold for tank leak diagnosis in garage	10x1
time for deactivating misfire detection after engine start during end of line	4x1
Max. engine coolant temperature dependent of engine temperature at start for homogeneous split mode	6x1
Minimum engine off time to reach ambiant temperature in function of the engine off temperature.	3x1
Tempetrature correction based on tmot	6x1
Difference of engine temperature during ecu-afterrun for condition hot start	6x1
cut-in temperature adaptive precontrol for lambda closed-loop control	8x1
curve for hot start calculation	8x1
curve for hot start calculation	10x1
curve for basis MSV temperature	6x1
Time for engine speed prediction of rpm control	9x1
Disabling time of transient control during post-cranking	4x1
Characteristic line for delay time of fuel mixture adaptation after lambda out of range (rich)	3x1
Characteristic line for delay time of fuel mixture adaptation after lambda out of range (lean)	3x1
heating effect engine speed (model oil temperature in sump)	7x1
heating effect ambient temperature (model oil temperature in sump)	8x1
Pause time dependent on temperature between the injections coupled with time in HP3S	3x1
lowpass filter psrif_w	5x1
Map of filter constant for pvd_w	5x1
curve filter time for Limp home pressure	6x1
Pause time dependent on temperature between the injections coupled with time in the HO2 start	3x1
Pause time dependent on temperature between the injections coupled with time in the HO3 start	3x1
Pause time dependent on temperature between the injections coupled with time in SH2, SH3	3x1
curve for minimum activation time of transmission line for fsrst-adaptation	4x1
control of time constant (model oil temperature in sump)	3x1
time constant heating (model oil temperature in sump)	8x1
time constant cooling (model oil temperature in sump)	8x1
influence of ambient temperature to fuel mass	8x1
cut-in temperature depending on ambient air temperature	4x1
curve for basis exothermie inside the catalyst (consideration for determination of max. allowed scavenging air mass which can be take part at the reaction inside the catalyst)	8x1
Map for formation of a temperature-dependent switch-off time for the torque reserve after start	4x1
Max. waiting time for high fuel pressure	6x1
Pressure-dependent pick-up time of the HDEV with individual setpoints	6x1
release heat.flow requirement for catalyst heating after end of start	6x1
characteristic line for linearisation and conversion of fuel level sender voltage	6x1
characteristic curve: torque reserve for standing start	4x1
Curve: correction in pressure ratio threshold due to a big leakage into intake manifold	5x1
Characteristic line Max. flow of low pressure fuel pump in l per h	4x1
Max. flow of high pressure pump in l/h	6x1
gain feed forward control MSV	8x1
MSV delay time dependent on battery voltage	5x1
maximum angle beginning of first suction stroke in EA ho1	6x1
Characteristic line of injection abortion angle	6x1
Weighting factor for control factor flakh for Lambda in dependence from altitude	4x1
Interpolation factor lambda-KF begin angle in HO1	3x1
curve for weighting of control factor for engine efficiency request by catalyst heating because of a cold start in dependence of altitude	4x1
Weighting factor warm-cold for injection end angle in HPxK	6x1
Weighting factor warm / cold for influence delta angle on the injection beginning angle in HPx	6x1
weighting heat. flow requirement in dep. from temperature of front oxyg.-sensor	6x1
weighting heat. flow requirement in dep. from walltemperature at front oxyg.-sensor	6x1
Curve influence of scavenging to warm-up factor	5x1
characteristic line for weighting of high for afterstart deactivation	8x1
filtertime constant for enrichment for component protection because of load dynamik	6x1
time constant loepass filter mstesmx_w	4x1
threshold curve for maximal torque to avoid cylinder deactivation at DMF disturbances	6x1
force to release blocking DMF spring	8x1
time constant for decay of desired idling speed	6x1
filtertime constant for Delta-lambda for component protection due to ignition retardation compared with basic ignition timing	4x1
Characteristic curve ZWSTT direct start - offest to avoid self-ignition	3x1
Characteristic curve for offset in pointer on cut-in factors curve	5x1
Constant for purge mass in tube PCV-manifold at norm-pressure and -temp.	1x1
gain factor for filtering msdk	1x1
filter coefficients for signal evaluation	292x1
upper fault threshold short circuit detection	1x1
lower fault threshold short circuit detection	1x1
speed gradient threshold release of check number of measurement values	1x1
Threshold for check number of measurement values	1x1
Engine speed follow-up inhibition band	1x1
proportional gain for exhaust temperature control over temperature deviation	5x1
Inlet pressure threshold for fixed ign.angle output	1x1
Inlet pressure threshold for fixed ign.angle output(plant-mode	1x1
weighting factor of P-part for limited torque (fo rhigh pressure start HDST)	1x1
low pass characteristic at engine speed dynamics; reference level knocking2	1x1
low pass characteristic at load dynamic; reference level knocking2	1x1
selected knock detection2 threshold, if missing cylinder one detection	1x1
speed range for adaption maps, Stützstelle 1	1x1
speed range for adaption maps, Stützstelle 2	1x1
speed range for adaption maps, Stützstelle 3	1x1
speed range for adaption maps, Stützstelle 4	1x1
n hysterisis for adaptation maps	1x1
n hysterisis for adaptation maps	1x1
knock control difference current ignition angle to adaption map	1x1
The SV-learning value for KR adaption after knocking detected	1x1
The FV-learning value for KR adation when wkra-wkr > KRDWA	1x1
knock control delta angle safety	8x1
Knock control: delay for dynamic detection	8x1
low pass characteristic at engine speed dynamics	1x1
low pass characteristic at load dynamic	1x1
low pass characteristic neg. load dynamics	1x1
conversion from relative fuel mass rk into effective injection time te	1x1

selected knock detection threshold, if missing cylinder one detection	1x1
Read if change of load / speed range: always or only if dynamics conditions	1x1
maximum retard adjustment	1x1
No foozen values upper KRNGFILO	1x1
No foozen values lower KRNGFILO	1x1
cylinder individual rpm limit, below which leading cylinder functionality is active	4x1
cylinder individual rpm limit, above which leading cylinder functionality is active	4x1
upper threshold for the amplification control	1x1
upper threshold for the amplification control	1x1
lower threshold for the amplification control	1x1
Number of working cylces to decrement th counter ctrveev	1x1
characteristic line for purge valve opening speed	5x1
conversion constant from mass flow to relative air charge	1x1
conversion constant from mass flow to relative air charge	1x1
conversion constant from mass flow to relative air charge	1x1
conversion constant from mass flow to relative air charge	1x1
Conversion constant from mass flow to relative air charge in the monitoring	1x1
gear-dependig max engine speed for suppression of %DMDMIL	11x1
Start value: active Phase FRA	1x1
Start value: active Phase ORA	1x1
Start value: pause phase FRA	1x1
Start value: pause phase ORA	1x1
threshold vehicle velocity to reset the enable condition for catalyst warming	1x1
threshold vehicle velocity to set the enable condition for catalyst warming	1x1
Shift of the observation window	1x1
engine lambda till a enleanment in scavenging mode is allowed	1x1
Threshold for lambda difference for LRS-reset at enleanment protection	1x1
maximum permissible lambda for homogeneous mode	1x1
minimum measurable lambda	1x1
minimum measurable lambda	1x1
minimum measurable lambda	1x1
min. DAFIM threshold	1x1
min. DAFIM threshold	1x1
max. DAFIM threshold	1x1
max. DAFIM threshold	1x1
lambda threshold for enabling of calculation of max. allowed scavenging dilution factor because of rich component protection	1x1
Upper limit action value lambda for enleanment protection dependent of dfr_w, bank 1	7x1
Lower limit action value lambda for enleanment protection dependent of dfr_w, bank 1	7x1
Factor to correct the robustness or gain factor sigma of lambda control dependent on the time after start	5x1
lower limit of control range extended	5x4
Factor for lambda controller velocity during adaptation of cylinder-individual lambda control	1x1
Char. line corr. of the lambda setpoint value for the cont. lambda controller considering scavenging effect	6x1
Switch off threshold (by width of dead zone) for lambda control release (external)	1x1
Switch off threshold (by width of dead zone) for lambda control status for tester output	1x1
Width of dead zone for lambda control deviation in case of scavenging	4x4
Upper bound for correction to exactly stoichiometric lambda in case of scavenging	1x1
Lower bound for correction to exactly stoichiometric lambda in case of scavenging	1x1
Target lambda for fuel cut off during gear box intervention	4x1
Correction of the lambda setpoint for the continuous lambda controller	10x1
Correction of the lambda setpoint for the continuous lambda controller with variable outlet valve lift (nonstandard lift)	10x1
char.line above nmot,lower rL control limit for controller in front of catalyst	8x1
Switch-on time of enleament protection after switching to nonstandard outletvalve lift	1x1
Switch-on time of enleanment protection after switching to standard outlet valve lift	1x1
Ramp up time for control deviation after turn on	4x1
Turn-on delay for enabling lambda control at transition from stratified to homogeneous mode	1x1
minimum of lambda threshold (error suspicion) for mixture adaptation active	1x1
minimum of lambda threshold for mixture adaptation active	1x1
maximum of lambda threshold for mixture adaptation active	1x1
desired lambda for application homogeneous mode	1x1
min. permissible lamsbg in calculation of air mass flow in monitoring	1x1
max. permissible lamsbg in calculation of air mass flow in monitoring	1x1
Lower Bound for Lambda in Function Monitoring	1x1
Class instance of lambda-based plausibility diagnosis (offset) of a wideband sensor (bank 1) / Initialisation value for lambda offset (for calibration purposes only!)	1x1
threshold for consideration of allowed engine lambda because of component protection in case of scavenging	1x1
threshold for limitation of min. allowed nominal engine lambda for scavenging (from point of monitoring)	1x1
release of calculation algorithmus of engine lambda by scavenging	1x1
minimum of lambda threshold for canister purge control active	1x1
min lambda for canister purge function basic release	1x1
max lambda for canister purge function basic release	1x1
Maximum lambda request for catalyst heating while homogenous operatione	1x1
Upper Bound for Lambda in Function Monitoring	1x1
oxygen thereshold for catalyst state	1x1
Maximal value of the OSC of catalyst 1, for plausibility check	1x1
Lean threshold for oxygen concentration for plausibility check	1x1
Rich threshold for oxygen concentration for plausibility check	1x1
Test time before setting non-plaus.-flag lambda sensor downstream of catalyst	1x1
Threshold of rear lambda sensor voltage for defined catalyst 1 state empty	1x1
Threshold of rear lambda sensor voltage for defined catalyst 1 state full	1x1
Volume between catalyst 1 outlet and catalyst 2 intake	1x1
Volume between catalyst 2 outlet and sensor downstream catalyst 2	1x1
Volume between lambda sensor 1 and catalyst 1 intake	1x1
Volume between catalyst 2 outlet and sensor downstream catalyst 2	1x1
Volume between lambda sensor 1 and catalyst 1 intake	1x1
target lambda value for bank shutdown	1x1
target lambda value in case of DMD	1x1
Lower bound for stoichiometric lambda	1x1
Upper bound for stoichiometric lambda	1x1
offset lambda engine nominal with inactive A/F control	12x1
component protection lambda in case of camshaft error with critical valve overlap	1x1
Upper end-lambda for component protection before fuel cutoff is released	1x1
Enrichment, from which lambda-request for component protection is put to lambda coordination	1x1
Threshold to disable i-part during fast changes of controller error	1x1
normalisation factor ldra	1x1
selection alternative bit mask for external torque demands	1x1
Factor parameter selection cat heating in altitude	1x1
Factor dead zone on engine load level for modification of pre-control-torque dependend on set- and actual-speed	6x1
Engine load level factor for modification of pre-control-torque during engine start	6x6
Step width of the ramp for precontrol of the drag torque of the engine when ramping downwards	1x1
Step width of the ramp for precontrol of the drag torque of the engine with closed powertrain	1x1
Step width of the ramp for precontrol of the drag torque of the engine with open powertrain	1x1
LIGov_facPreCtlWoStab_CUR	8x1

engine speed dependent factor for limitation of maximum idle speed governor torque	6x1
Codeword Governor Module	1x1
Control deviation where I-part is freezed when GSHDem is active	1x1
offset speed difference alternative bit mask for external torque demands	1x1
threshold engine speed alternative bit mask for external torque demands	1x1
Upper speed limit for controller activity if GSHDem is active	1x1
Upper speed limit for controller activity	1x1
Offset to subtract from maximum engine speed set-point to define maximum engine speed set-point for GSH-Feature	1x1
speed offset for re-ignition	1x1
speed offset for external torque demand	1x1
speed offset for precontrol	1x1
speed offset for predefined torque	1x1
speed offset for underbraking	1x1
Speed deviation threshold for activation D-part due to underspeed	1x1
Curve for the conversion of LIGov_numPar in a P- and an I-part	15x1
maximum engine power for limitation of the torque of the idle speed controller depending on engine speed	1x1
intake gas threshold during catalyst heating for idle speed diagnosis ;dep. on accessory load	3x1
intake gas threshold for idle speed diagnosis ;dep. on accessory load	3x1
threshold accelerator pedal angle alternative bit mask for external torque demands	1x1
Threshold for grip detection within low idle speed controller	1x1
Codeword 2 for LIGov parameter selection	1x1
Codeword for LIGov parameter selection	1x1
status threshold for underbraking detection	1x1
alternative bitmask for external torque demands to be considered in idle speed governor	1x1
break switch state alternative bit mask for external torque demands	1x1
bitmask for external torque demands to be considered in idle speed governor	1x1
upper engine temperature threshold	1x1
lower engine temperature threshold	1x1
time delay D-part calculation	1x1
time delay for I-part release after start	6x1
time delay clutch opens	1x1
time constant for P-part air path offset filter	1x1
time delay for shutting down the parameter set for start with underspeed	1x1
P-Part for GSH-Feature during Down-Shift	4x8
Maximum torque deviation for ramping of p-part after parameter-set change	1x1
delta torque for freeze of integrator at maximal torque	1x1
delta torque for freeze of integrator at minimal torque	1x1
Maximal difference between Set and Lead torque for I-Part offset during parameter change	1x1
map for I-part of low idle governor (4 parameter sets)	5x8
curve for maximum torque limitation for I-part	8x1
offset for max. idle speed torque for monitoring threshold	1x1
maximal idle speed torque	1x1
offset for min. idle speed torque for monitoring threshold	1x1
offset for speed dependent limitation	1x1
torque offset for permitted torque	6x1
map for P-part of low idle governor ignition path (6 parameter sets)	6x8
map for P-part of low idle governor air path (6 parameter sets)	6x8
ramp slope for filtering of P-part at parameter set change	1x1
permitted interval for reset torque	1x1
torque threshold for I-part release during pre-control	1x1
velocity threshold for rolling vehicle	1x1
minimum vehicle speed for release of I-part-reset	1x1
Vehicle speed threshold for detection of rolling vehicle	1x1
vehicle speed threshold for underbraking	1x1
Use last value of LIN error flag if transmission or reception is not occurred in this period	1x1
switch for LIN scheduler	1x1
switch for LIN scheduler	1x1
switch for LIN scheduler	1x1
Switch for enabling LIN diagnosis	1x1
Clibration to select LIN protocol version for the slave node Lin_Slave_Alt (Alternator (ACG))	1x1
Calibration to select LIN protocol version for the slave Lin_Slave_DCDC	1x1
Clibration to select LIN protocol version for the slave Lin_Slave_EBS (Electronic Battery Sensor EBS)	1x1
Speed limit for speed undershoot.	1x1
Maximum negative change of Acceleration Request per cycle	1x1
Maximum Positive change of Acceleration Request per cycle	1x1
Curve for Speed limiter acceleration limit	9x1
Upper Bound for acceleration request	1x1
Counter value for AT full open learn value translation check	1x1
Curve for decelerate correction factor(for accelerate speed control)	12x1
MAP for Correction factor based on difference of accel pedal position(for 1 level lower gear and close side)	12x12
MAP for Correction factor based on difference of accel pedal position(for 1 level lower gear)	12x12
MAP for Correction factor based on difference of accel pedal position(for 2 level lower gear and close side)	12x12
MAP for Correction factor based on difference of accel pedal position(for 2 level lower gear)	12x12
MAP for Correction factor based on difference of accel pedal position(for 3 level lower gear and close side)	12x12
MAP for Correction factor based on difference of accel pedal position(for 3 level lower gear)	12x12
MAP for Correction factor based on difference of accel pedal position(for 4 level lower gear and close side)	12x12
MAP for Correction factor based on difference of accel pedal position(for 4 level lower gear)	12x12
MAP for Correction factor based on difference of accel pedal position(for 5 level lower gear and close side)	12x12
MAP for Correction factor based on difference of accel pedal position(for 5 level lower gear)	12x12
MAP for Correction factor based on difference of accel pedal position(for the top gear and close side)	12x12
MAP for Correction factor based on difference of accel pedal position(for the top gear)	12x12
Factor of interim value for filtered request accel pedal position	1x1
Conversion factor for unit of vehicle speed	1x1
Curve for decelerate correction factor(for constant speed control)	12x1
Curve for acceleration Feed Back P coefficient factor value(for 1 level lower gear)	12x1
Curve for acceleration Feed Back P coefficient factor value(for 2 level lower gear)	12x1
Curve for acceleration Feed Back P coefficient factor value(for 3 level lower gear)	12x1
Curve for acceleration Feed Back P coefficient factor value(for 4 level lower gear)	12x1
Curve for acceleration Feed Back P coefficient factor value(for 5 level lower gear)	12x1
Curve for acceleration Feed Back P coefficient factor value(for the top gear)	12x1
MAP for Feed Back D coefficient factor value (for 1 level lower gear)	9x12
MAP for Feed Back D coefficient factor value (for 2 level lower gear)	9x12
MAP for Feed Back D coefficient factor value (for 3 level lower gear)	9x12
MAP for Feed Back D coefficient factor value (for 4 level lower gear)	9x12
MAP for Feed Back D coefficient factor value (for 5 level lower gear)	9x12
MAP for Feed Back D coefficient factor value (for the top gear)	9x12
MAP for Feed Back P coefficient factor value (for 1 level lower gear)	9x12
MAP for Feed Back P coefficient factor value (for 2 level lower gear)	9x12
MAP for Feed Back P coefficient factor value (for 3 level lower gear)	9x12

MAP for Feed Back P coefficient factor value (for 4 level lower gear)	9x12
MAP for Feed Back P coefficient factor value (for 5 level lower gear)	9x12
MAP for Feed Back P coefficient factor value (for the top gear)	9x12
Factor of vehicle speed unit conversion data	1x1
MAP for Correction factor based on difference of accel pedal position(for 1 level lower gear and close side) for sport mode	12x12
MAP for Correction factor based on difference of accel pedal position(for 1 level lower gear and open side) for sport mode	12x12
MAP for Correction factor based on difference of accel pedal position(for 2 level lower gear and close side) for sport mode	12x12
MAP for Correction factor based on difference of accel pedal position(for 2 level lower gear and open side) for sport mode	12x12
MAP for Correction factor based on difference of accel pedal position(for 3 level lower gear and close side) for sport mode	12x12
MAP for Correction factor based on difference of accel pedal position(for 3 level lower gear and open side) for sport mode	12x12
MAP for Correction factor based on difference of accel pedal position(for 4 level lower gear and close side) for sport mode	12x12
MAP for Correction factor based on difference of accel pedal position(for 4 level lower gear and open side) for sport mode	12x12
MAP for Correction factor based on difference of accel pedal position(for 5 level lower gear and close side) for sport mode	12x12
MAP for Correction factor based on difference of accel pedal position(for 5 level lower gear and open side) for sport mode	12x12
MAP for Correction factor based on difference of accel pedal position(for the top gear and close side) for sport mode	12x12
MAP for Correction factor based on difference of accel pedal position(for the top gear and open side) for sport mode	12x12
Curve for acceleration Feed Back P coefficient factor value(for 1 level lower gear) for sport mode	12x1
Curve for acceleration Feed Back P coefficient factor value(for 2 level lower gear) for sport mode	12x1
Curve for acceleration Feed Back P coefficient factor value(for 3 level lower gear) for sport mode	12x1
Curve for acceleration Feed Back P coefficient factor value(for 4 level lower gear) for sport mode	12x1
Curve for acceleration Feed Back P coefficient factor value(for 5 level lower gear) for sport mode	12x1
Curve for acceleration Feed Back P coefficient factor value(for 4 level lower gear) for sport mode	12x1
Curve for acceleration Feed Back P coefficient factor value(for 5 level lower gear) for sport mode	12x1
Curve for acceleration Feed Back P coefficient factor value(for the top gear) for sport mode	12x1
MAP for Feed Back D coefficient factor value (for 1 level lower gear) for sport mode	9x12
MAP for Feed Back D coefficient factor value (for 2 level lower gear) for sport mode	9x12
MAP for Feed Back D coefficient factor value (for 3 level lower gear) for sport mode	9x12
MAP for Feed Back D coefficient factor value (for 4 level lower gear) for sport mode	9x12
MAP for Feed Back D coefficient factor value (for 5 level lower gear) for sport mode	9x12
MAP for Feed Back D coefficient factor value (for the top gear) for sport mode	9x12
MAP for Feed Back P coefficient factor value (for 1 level lower gear) for sport mode	9x12
MAP for Feed Back P coefficient factor value (for 2 level lower gear) for sport mode	9x12
MAP for Feed Back P coefficient factor value (for 3 level lower gear) for sport mode	9x12
MAP for Feed Back P coefficient factor value (for 4 level lower gear) for sport mode	9x12
MAP for Feed Back P coefficient factor value (for 5 level lower gear) for sport mode	9x12
MAP for Feed Back P coefficient factor value (for the top gear) for sport mode	9x12
NE value to checking APP close learning start for ASL	1x1
Number of alarm sound type for APP full open	1x1
Number of ASL-Accel pedal position open alrm timer select.	1x1
Number to select operation when returning from resume control	1x1
Vehicle speed dispay information for ASL when main sw on and no control	1x1
Offset lower limit of ISA limit speed (mph)	1x1
Offset lower limit of ISA limit speed (kmh)	1x1
Offset upper limit of ISA limit speed (mph)	1x1
Offset upper limit of ISA limit speed (kmh)	1x1
Unit type for CCASLISA mode judgement 0: Meter unit 1: FI-ECU	1x1
Unit type for CCASLISA mode judgement 0: Meter unit 1: FI-ECU	1x1
Unit type for CCASLISA mode judgement 0: Meter unit 1: FI-ECU	1x1
Vehicle speed display at ISA temporary stop	1x1
Number of meter display alarm for display off mode	1x1
Number of memory vehicle speed for display off mode in ASL	1x1
Vehicle speed dispay information for CC when main sw on and no control	1x1
APP request every 10ms Add variant value	1x1
Vehicle speed dispay information for CC when main sw on and no control	1x1
APP request every 10ms Add variant value	1x1
APP request every 10ms Sub variant value	1x1
Driver accel pedal position add value for ASL	1x1
Accel pedal full open check value for ASL	1x1
Accel pedal value during enabling temporary release of APP limitation	1x1
Curve for maximum accel pedal position for ASL (for development)	12x1
Curve for maximum accel pedal position for ASL	12x1
MAP for Accel pedal off output value(for 1 level lower gear)	9x12
MAP for Accel pedal off output value(for 2 level lower gear)	9x12
MAP for Accel pedal off output value(for 3 level lower gear)	9x12
MAP for Accel pedal off output value(for 4 level lower gear)	9x12
MAP for Accel pedal off output value(for 5 level lower gear)	9x12
MAP for Accel pedal off output value(for the top gear)	9x12
MAP for Accel pedal opening when ASL SET(for 1 level lower gear)	9x12
MAP for Accel pedal opening when ASL SET(for 2 level lower gear)	9x12
MAP for Accel pedal opening when ASL SET(for 3 level lower gear)	9x12
MAP for Accel pedal opening when ASL SET(for 4 level lower gear)	9x12
MAP for Accel pedal opening when ASL SET(for 5 level lower gear)	9x12
MAP for Accel pedal opening when ASL SET(for the top gear)	9x12
Accel pedal return value after finishing temporary release of APP limitation	12x1
Accel pedal value to check the gear change operation	1x1
Curve for accel pedal position add value for ASL cancel	12x1
Curve for initial accel pedal position add value for ASL cancel	12x1
Curve for addition value of desired accel pedal opening in ASL (For free area start)	12x1
Curve for addition value of desired accel pedal opening in ASL (For free area)	12x1
Limited value for difference of desired accel pedal position	1x1
Curve for subtraction value of desired accel pedal opening in ASL	12x1
Curve for accel pedal position add value for ISA cancel	12x1
Curve for initial accel pedal position add value for ISA cancel	12x1
Curve for maximum accel pedal position for ASL (for development) for sport mode	12x1
MAP for Accel pedal off output value(for 1 level lower gear) for sport mode	9x12
Curve for maximum accel pedal position for ASL (for development) for sport mode	12x1
MAP for Accel pedal off output value(for 1 level lower gear) for sport mode	9x12
MAP for Accel pedal off output value(for 2 level lower gear) for sport mode	9x12
MAP for Accel pedal off output value(for 3 level lower gear) for sport mode	9x12
MAP for Accel pedal off output value(for 4 level lower gear) for sport mode	9x12
MAP for Accel pedal off output value(for 5 level lower gear) for sport mode	9x12
MAP for Accel pedal off output value(for the top gear) for sport mode	9x12
MAP for Accel pedal opening when ASL SET(for 1 level lower gear) for sport mode	9x12
MAP for Accel pedal opening when ASL SET(for 2 level lower gear) for sport mode	9x12
MAP for Accel pedal opening when ASL SET(for 3 level lower gear) for sport mode	9x12
MAP for Accel pedal opening when ASL SET(for 4 level lower gear) for sport mode	9x12
MAP for Accel pedal opening when ASL SET(for 5 level lower gear) for sport mode	9x12
MAP for Accel pedal opening when ASL SET(for the top gear) for sport mode	9x12
Switch to select APP learning method 0: TCU takes care 1: ECU takes care	1x1
Status for selecting resume control shift condition	1x1
Status for implementing mutual data check of CC and ASL	1x1
Array for Gear Map Number for longitudinal Limiter	5x1
ISA control continuation implementation selection when TSR is cleared 0: Not continue ISA control 1: Continue ISA control	1x1
Enable switch for recovering accel ratio at ISA temporary stop	1x1
Status for display data and information alarm in meter panel	1x1

Software switch to desable of Acceleration limit	1x1
Switch that selects continuation time of ASL alarm.	1x1
Switch to enable temporary release of APP limitation	1x1
Software switch to Minimum selected of accel pedal position	1x1
Switch to select APP Close Learning for ASL	1x1
Software switch of APP full open alarm enable	1x1
Switch to select APP Open Learning for ASL	1x1
Switch for ASL-Accel pedal position open alrm selection	1x1
Software switch of selecting acceleration pedal position for ASL	1x1
Software switch for ASL Rx frame error detect selection	1x1
This selects whether alarm is triggered or not.	1x1
Software switch to enable of acceleration limit in case of ASL cancel	1x1
Switch to select APP limitation for development	1x1
Software switch to cancel of Kick down click	1x1
Switch to blink meter speed when speed is smaller than set speed	1x1
This selects whether alarm is triggered or not when app open during over speed alarm for ASL	1x1
Switch of over speed alarm with APP full open	1x1
Software switch for return to disable in case of resume	1x1
This selects whether alarm is triggered or not when app open alarm for ASL	1x1
Enable switch to correct set speed for ASL	1x1
Switch that change requirement for no update set vehicle speed value show in meter display.	1x1
This selects whether alarm is triggered or not.	1x1
Switch to blink speed unit also when display speed is blinked	1x1
Timer to enable temporary release of APP limitation	1x1
Time to change APP difference with area change	1x1
Timer of waiting APP close learning start	1x1
Wait timer for first update of APP close learning value	1x1
Wait timer for update of APP close learning value except first update	1x1
Timer of checking APP full open alarm continuation for ASL	1x1
Timer of checking APP open learning start	1x1
Time of ASL Rx Frame error check value	1x1
Wait time until ASL state shift from PRESET to SET	1x1
Time to detect mutual data check error of CC and ASL	1x1
Time for Over speed Detection - Bong timer	1x1
Time of ASL control extension	1x1
Time of ISA control extension	1x1
Alarm time at ISA temporary stop	1x1
Display blinking time at ISA temporary stop	1x1
Time of ASL over vehicle speed alarm finish check	1x1
Timer2 of ASL over vehicle speed alarm start check	1x1
Time of ASL over vehicle speed alarm start check	1x1
Time2 of Set vehicle speed Blink Off	1x1
Time3 of Set vehicle speed Blink Off	1x1
Time4 of Set vehicle speed Blink Off	1x1
Time5 of Set vehicle speed Blink Off	1x1
Time of Set vehicle speed Blink Off	1x1
Time2 of Set vehicle speed Blink On	1x1
Time3 of Set vehicle speed Blink On	1x1
Time4 of Set vehicle speed Blink On	1x1
Time5 of Set vehicle speed Blink On	1x1
Time of Set vehicle speed Blink On	1x1
Differential voltage to check APP close learning start for ASL	1x1
Lower limit voltage of APP close learning for ASL	1x1
Upper limit voltage of APP close learning for ASL	1x1
Acceleration pedal sensor voltage value of close learning result for ASL	1x1
Voltage to check APP full open for ASL	1x1
Lower limit voltage of APP open learning for ASL	1x1
Upper limit voltage of APP open learning for ASL	1x1
APP sensor volatage value during error condition	1x1
Upper limit voltage of acceleration pedal position sensor	1x1
Curve for acceleration limit value for ASL	12x1
Vehicle speed deviation to continue temporary release of APP limitation	1x1
If vehicle speed for ASL control is less than this value, vehicle is judged to be stopped	1x1
Curve for acceleration limit value for ASL cancel	12x1
Curve for ASL Vehicle spped for DL (hysteresis Hi) value(for 1 level lower gear)	12x1
Curve for ASL Vehicle spped for DL (hysteresis Hi) value(for 2 level lower gear)	12x1
Curve for ASL Vehicle spped for DL (hysteresis Hi) value(for 3 level lower gear)	12x1
Curve for ASL Vehicle spped for DL (hysteresis Hi) value(for 4 level lower gear)	12x1
Curve for ASL Vehicle spped for DL (hysteresis Hi) value(for 5 level lower gear)	12x1
Curve for ASL Vehicle spped for DL (hysteresis Hi) value(for the top gear)	12x1
Curve for ASL Vehicle spped for DL (hysteresis Lo) value(for 1 level lower gear)	12x1
Curve for ASL Vehicle spped for DL (hysteresis Lo) value(for 2 level lower gear)	12x1
Curve for ASL Vehicle spped for DL (hysteresis Lo) value(for 3 level lower gear)	12x1
Curve for ASL Vehicle spped for DL (hysteresis Lo) value(for 4 level lower gear)	12x1
Curve for ASL Vehicle spped for DL (hysteresis Lo) value(for 5 level lower gear)	12x1
Curve for ASL Vehicle spped for DL (hysteresis Lo) value(for the top gear)	12x1
Vehicle speed deviation value for over speed alarm check(hysteresis Hi)	1x1
Vehicle speed deviation value for over speed alarm check(hysteresis Lo)	1x1
Curve for acceleration limit value for ISA cancel	12x1
ISA memory lower limit vehicle speed (kmh)	1x1
ISA memory lower limit vehicle speed (MPH)	1x1
Initial updated amount of limited veh speed during ASL SW is on (km/h)	1x1
Initial updated amount of limited veh speed during ASL SW is on (MPH)	1x1
Updated amount of limited veh speed during ASL SW is on (km/h)	1x1
Updated amount of limited veh speed during ASL SW is on (MPH)	1x1
Maximum Speed Limit	1x1
Correct value of memory speed for ASL (km/h)	1x1
Correct value of memory speed for ASL (MPH)	1x1
Lower limit of the memeory vehicle speed for ASL(km/h)	1x1
Lower limit of the memeory vehicle speed for ASL(MPH)	1x1
Upper limit of the memeory vehicle speed for ASL(km/h)	1x1
Upper limit of the memeory vehicle speed for ASL(MPH)	1x1
Curve fir ASL Vehicle spped for non control point (hysteresis Hi) value(for 1 level lower gear)	12x1
Curve fir ASL Vehicle spped for non control point (hysteresis Hi) value(for 2 level lower gear)	12x1
Curve fir ASL Vehicle spped for non control point (hysteresis Hi) value(for 3 level lower gear)	12x1
Curve fir ASL Vehicle spped for non control point (hysteresis Hi) value(for 4 level lower gear)	12x1
Curve fir ASL Vehicle spped for non control point (hysteresis Hi) value(for 5 level lower gear)	12x1
Curve fir ASL Vehicle spped for non control point (hysteresis Hi) value(for the top gear)	12x1
Curve fir ASL Vehicle spped for non control point (hysteresis Lo) value(for 1 level lower gear)	12x1

Curve fir ASL Vehicle spped for non control point (hysteresis Lo) value(for 2 level lower gear)	12x1
Curve fir ASL Vehicle spped for non control point (hysteresis Lo) value(for 3 level lower gear)	12x1
Curve fir ASL Vehicle spped for non control point (hysteresis Lo) value(for 4 level lower gear)	12x1
Curve fir ASL Vehicle spped for non control point (hysteresis Lo) value(for 5 level lower gear)	12x1
Curve fir ASL Vehicle spped for non control point (hysteresis Lo) value(for the top gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Hi) value(for 1 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Hi) value(for 2 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Hi) value(for 3 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Hi) value(for 4 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Hi) value(for 5 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Hi) value(for the top gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Lo) value(for 1 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Lo) value(for 2 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Lo) value(for 3 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Lo) value(for 4 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Lo) value(for 5 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Lo) value(for the top gear)	12x1
Curve for ASL Vehicle speed for DL (hysteresis Hi) value for sport mode(for 1 level lower gear)	12x1
Curve for ASL Vehicle speed for DL (hysteresis Hi) value for sport mode(for 2 level lower gear)	12x1
Curve for ASL Vehicle speed for DL (hysteresis Hi) value for sport mode(for 3 level lower gear)	12x1
Curve for ASL Vehicle speed for DL (hysteresis Hi) value for sport mode(for 4 level lower gear)	12x1
Curve for ASL Vehicle speed for DL (hysteresis Hi) value for sport mode(for 5 level lower gear)	12x1
Curve for ASL Vehicle speed for DL (hysteresis Hi) value for sport mode(for the top gear)	12x1
Curve for ASL Vehicle speed for DL (hysteresis Lo) value for sport mode(for 1 level lower gear)	12x1
Curve for ASL Vehicle speed for DL (hysteresis Lo) value for sport mode(for 2 level lower gear)	12x1
Curve for ASL Vehicle speed for DL (hysteresis Lo) value for sport mode(for 3 level lower gear)	12x1
Curve for ASL Vehicle speed for DL (hysteresis Lo) value for sport mode(for 4 level lower gear)	12x1
Curve for ASL Vehicle speed for DL (hysteresis Lo) value for sport mode(for 5 level lower gear)	12x1
Curve for ASL Vehicle speed for DL (hysteresis Lo) value for sport mode(for the top gear)	12x1
Curve for ASL Vehicle speed for non control point (hysteresis Hi) value for sport mode(for 1 level lower gear)	12x1
Curve for ASL Vehicle speed for non control point (hysteresis Hi) value for sport mode(for 2 level lower gear)	12x1
Curve for ASL Vehicle speed for non control point (hysteresis Hi) value for sport mode(for 3 level lower gear)	12x1
Curve for ASL Vehicle speed for non control point (hysteresis Hi) value for sport mode(for 4 level lower gear)	12x1
Curve for ASL Vehicle speed for non control point (hysteresis Hi) value for sport mode(for 5 level lower gear)	12x1
Curve for ASL Vehicle speed for non control point (hysteresis Hi) value for sport mode(for the top gear)	12x1
Curve for ASL Vehicle speed for non control point (hysteresis Lo) value for sport mode(for 1 level lower gear)	12x1
Curve for ASL Vehicle speed for non control point (hysteresis Lo) value for sport mode(for 2 level lower gear)	12x1
Curve for ASL Vehicle speed for non control point (hysteresis Lo) value for sport mode(for 3 level lower gear)	12x1
Curve for ASL Vehicle speed for non control point (hysteresis Lo) value for sport mode(for 4 level lower gear)	12x1
Curve for ASL Vehicle speed for non control point (hysteresis Lo) value for sport mode(for 5 level lower gear)	12x1
Curve for ASL Vehicle speed for non control point (hysteresis Lo) value for sport mode(for the gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Hi) value for sport mode (for 1 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Hi) value for sport mode (for 2 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Hi) value for sport mode (for 3 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Hi) value for sport mode (for 4 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Hi) value for sport mode (for 5 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Hi) value for sport mode (for the top gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Lo) value for sport mode (for 1 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Lo) value for sport mode (for 2 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Lo) value for sport mode (for 3 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Lo) value for sport mode (for 4 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Lo) value for sport mode (for 5 level lower gear)	12x1
Curve for ASL Vehicle spped for RP (hysteresis Lo) value for sport mode (for the top gear)	12x1
Vehicle speed deviation value for ASL start check	1x1
Velocity Threshold for activating Speed Limiter	1x1
Sound alarm if difference between current velocity and set velocity is greater than this value.	1x1
Weighting factor for torque reserve for engine heat up (non-idle)	8x6
Torque reserve for improved engine heat up (non-idle)	6x6
Codeword for function LLRNSNF	1x1
Offset for followed-up set-point when GSHDem is active	1x1
Offset for ignition angle cutoff	1x1
Idle speed set-point when ice adhesion at throttle valve	9x6
activation delay for condition idle speed and standing car	1x1
tmot-correction of lambda engine nominal	4x1
Accessory compensation enable for CrCtl, SpdGov and AccPed	1x1
1=no limitation of enabled AccPed and CrCtl accessory torque compensation	1x1
weigting factor of acessories compensation for amount of dynamic compensation during overrun	1x1
weigting factor of acessories compensation: amount of dynamic compensation during pul behaviour	1x1
filter time constant of the DT1-filters	1x1
Engine roughness reference corr. value at cat heating in 1. interval	6x1
Engine roughness distance reference value, vehicle speed zero	4x1
reference value for engine roughness, vehicle speed zero	6x1
reference value for engine roughness, vehicle speed zero and catalyst heating	6x1
reference value for engine roughness, vehicle speed zero and aircondition on	6x1
engine roughness referenz value for stop of the fuel-on/-off adaptation	1x1
Engine roughness reference corr. value at cat heating in 1. interval	6x1
Tmot-dependent engine roughness reference correcting value	8x1
speed dependency of engine roughness referenz minimum value 1	8x1
speed dependency of engine roughness referenz minimum value 2	8x1
speed dependency of engine roughness referenz minimum value 3	8x1
speed dependency of engine roughness referenz minimum value 3 during switch over to alternate segment	8x1
engine roughness referenz minimum value during cat-heating in 1. interval	1x1
factor for the lurs threshold for max selection of the fluts calculation	1x1
faktor to lurs_w for fsr_w plausibility check during catalyst heating	1x1
factor to lurs_w for fsr_w plausibility check during idle mode	1x1
reference correction factor for engine roughness, after start	6x1
guide cylinder assignment	4x1
min. threshold for ambient pressure to enable leakage detection via ofmsndkp_w	1x1
min. threshold for engine temperature to enable leakage detection via ofmsndkp_w	1x1
max. threshold for engine temperature to enable leakage detection via ofmsndkp_w	1x1
lower limit rk-correction piezo HDEV	1x1
lower limit rk-correction piezo HDEV for AFIM diagnosis	1x1
upper limit rk-correction piezo HDEV	1x1
upper limit rk-correction piezo HDEV for AFIM diagnosis	1x1
Look up table for torque limitation by high exhaust temperature	6x1
Maximum indicated engine torque	1x1
Maximum indicated torque for overpower protection	16x1
Maximum indicated torque for Sports mode	16x1
maximum limit indicate engine torque standardization	1x1

maximum limit indicate engine torque standardization	1x1
maximum limit indicate engine torque standardization	1x1
maximum limit indicate engine torque standardization	1x1
maximum limit indicate engine torque standardization	1x1
maximum limit indicate engine torque standardization	1x1
maximum limit indicate engine torque standardization	1x1
Part of the resistant torque depending on altitude	6x1
delta torque compensation of start with park heating	4x1
Torque offset for after cranking compensation	8x1
Text with the dataset identification	99x1
differential angle between OT-cylinder1 and OT-pump (master ecu)	1x1
pulse length for test pulses - PS diagnosis & Light Load Delivery Mode	1x1
Codeword used to switch off of MSV power stage diagnosis and healing.	1x1
Maximum Battery voltage for MSV Diagnosis enable.	1x1
Minimum Battery voltage for MSV Diagnosis enable.	1x1
maximal allowed engine speed for adaption	1x1
minimal necessary engine speed for adaption	1x1
Number of Starts After First Fueling for which the pressure is raised and both MSVs are working in case of 2 MSVs	1x1
Codeword for enabling optimization of Acoustic function.Code word for saving acoustic adapted variables in NV-RAM.	1x1
Curve holding phase duration of MSV control in CrA	6x1
Correction of duty cycle for deceleration impulse	3x4
Characteristic field for Duty Cycle for Adaptation	6x1
Duty cycle deceleration impulse	3x6
Duration of freewheeling phase of deceleration impulse	1x1
Pause time for deceleration impulse for nominal pump	4x4
Duration of deceleration impulse	1x1
Correction value for pause of deceleration impulse	3x4
Offset duty cycle after adaptation	1x1
Step of duty cycle for adaptation	1x1
Offset pull in time after second adaptation	1x1
Step of pull in time for adaptation	1x1
Characteristic Map for the Correction Factor of Pullin-Phase dependant on engine speed (nmot- _w) and delivery duration (dwnmsvd_w).	4x6
Characteristic Map for the Correction Factor of Pullin-Phase dependant on MSV coil temperature (tmsvm) and Battery voltage (ubsqf_w)	3x5
Hold angle after TDC when deceleration impulse is enabled	3x1
Duty cycle of hold current for nominal pump	5x4
Characteristic field for Hold Curent	2x4
Lower limit for hold current of mass flow valve	1x1
Hysteresis of the hold current	1x1
Hysteresis for the pickup current	1x1
Difference limit for which the new local calculated pullin current is used	1x1
Lower limit for pickup current of mass flow valve	5x6
Duty cycle for maximum current of deceleration impulse	3x4
Configuration of MfVD	1x1
Minimum duty cycle for pull in current	1x1
Minimum duty cycle for hold current	3x4
Minimum Hold Phase at activated Deceleration Pulse	1x1
Characteristic field for Delivery Angle	4x1
Maximum engine speed at warm engine	1x1
Maximum engine speed for adaptation	1x1
maximum delta engine speed Deceleration Pulse	1x1
Engine speed threshold for activation the gear monitoring	1x1
maximal allowed difference of the engine speed during the adaption	1x1
Duty cycle for nominal pump	4x5
Maximum number of failures with the adaptation window	1x1
optimum of duty cycle 1	4x5
Maximum rail pressure for deceleration impulse	1x1
Threshold for pressure difference during drop in pressure	1x1
Threshold for pressure difference during pressure increase	1x1
time delay pressure signal	1x1
Setpoint pressure threshold for discarding adapted results	1x1
Time for which the adaptation is valid	1x1
Start value for pull in time for second adaptation	1x1
Start value of duty cycle for first adaptation	1x1
maximal allowed difference of the injected effective relative volumetric fuel mass	1x1
maximal allowed injected effective relative volumetric fuel mass	1x1
minimal necessary injected effective relative volumetric fuel mass	1x1
Maximum resistance change which is allowed during adaptation	1x1
Maximum resistance change for which the adaptation is still valid	1x1
Electrical resistance of mass flow valve at 20 degree Celsius	1x1
Safe duty cycle at hold phase	3x3
Optimum of Pull in Time for Nominal Pump	4x4
Optimum of Pull in Time	6x1
green period for adaption without idle speed	1x1
Delay time between first and second adaptation	1x1
Delay time at the beginning of second adaptation	1x1
Offset Time for Duty Cycle 1 after Closing of the Valve after Adaptation	1x1
Offset Time for Duty Cycle 1 after Closing of the Valve during Adaptation	1x1
Mfvlv_tiDelRecurAdap_CUR Characteristic field for the Delay Time for current reduced Activation	3x1
Characteristic Curve for the Delay time for reduced current control feature	3x1
Time Constant for the low pass filtering of the conveying angle	1x1
Wait Time for Current Reduced Activation, after activation conditions are fulfilled	1x1
Time Constant for the low pass filtering of the conveying angle	1x1
Wait Time for Current Reduced Activation, after activation conditions are fulfilled	1x1
Pull in Time for Current Reduced Activation	1x1
Wait time in Mfvd_State 3 to begin the TV1 Adaptation	1x1
Time delay between normal mode and recur mode	1x1
Time delay between state 2 and state 5	1x1
Time Constant for TP Filter of Battery Voltage	1x1
Wait Time after Start, until Adaptation is allowed	3x1
Time counter threshold at end of start during the acoustic optimization function(working from RECUR adapted values in saved NV RAM)	1x1
Offset for Duty cycle 1during adaptation of pull in phase	1x1
Security offset value for duty cycle 1 in case of acoustic adapted saved values of previous driving cycle	1x1
Security offset value for pullin time in case of acoustic adapted saved values of previous driving cycle.	1x1
Maximum allowed Battery Voltage Deviation during adaptation	1x1
maximal allowed battery voltage for adaption	1x1
minimal necessary battery voltage for adaption	1x1
Maximum difference of battery voltage for valid adaptation result	1x1
Minimum battery voltage for ReCur	1x1
Maximum battery voltage for deceleration impulse	1x1
Minimum battery voltage for deceleration impulse	1x1
adaption threshold of vehicle speed	1x1

Maximum vehicle speed for current reduced Activation	1x1
Maximum change of vehicle speed for Activation with reduced number of Pumps	1x1
Threshold of vehicle speed during the acoustic optimization function(working from RECUR adapted values in saved NV RAM)	1x1
Minimal torque at flare-down	1x1
deactivation threshold for negative midmd gradients	1x1
deactivation threshold for positive midmd gradients	1x1
Upper torque threshold for deactivation of alternative segment position during idle.	1x1
Lower torque threshold for activation of alternative segment position during idle.	1x1
configuration parameter for the MIL control	1x1
time for MIL_ON after engine start	1x1
time for Readiness-Blinking	1x1
time for function test of the MIL	1x1
Minimum torque for operating mode HSP for strategy	6x1
Request min torque for TEV (high load)	1x1
Maximum torque for operating mode HSP	1x1
Maximum torque for operating mode HSP for strategy	6x1
Request max torque for TEV (high load)	1x1
minimum number of possible KC guide cylinders	1x1
upper torque limitation for adatation range	1x1
Delay for detection opened drive train if gear is zero	1x1
threshold load fuel cut-off detection for deactivating misfire detection	8x1
Offset to LI engine spped to activate KLMISALULL	1x1
Axle selection for rough road detection	1x1
Filter factor for differentiated wheel speeds	1x1
Threshold curve to detect rough road front axle	4x1
Maximum speed for enabling the diagnosis of wheel acceleration	1x1
Minimum speed for enabling the diagnosis of wheel acceleration	1x1
Maximum ratio of largest and second largest wheel acceleration	1x1
Threshold curve to detect rough road rear axle	4x1
Factor for rough road detection threshold dependent on transmission ratio	6x1
Selection of the wheel speed diagnostics	1x1
Track width	1x1
Maximum wheel torque for plausible check of wheel speed	1x1
Maximum relative deviation of wheel speeds	1x1
Filter factor for wheel speed	1x1
Maximum wheel speed	1x1
Wheel basis	1x1
Maximum relative deviation of yaw rates	1x1
table for definition of misfire mode and pattern	10x4
rate misfire per cylinder	1x1
number of permissible misfire	1x1
lower torque limitation for adatation range	1x1
lower torque limitation for adatation range	1x1
lower torque limitation for adatation range	1x1
air mass floe upper limit for detection short cut of HFM	1x1
air mass floe upper limit for detection short cut of HFM	1x1
air mass flow lower limit for detection short cut of HFM	1x1
Filter constante for MAF low pass filtering depending on msdk	3x1
Threshold selectivity CPV to air mass flow for CPV mixture check	1x1
air mass flow lower limit for detection short cut of HFM	1x1
air mass floe upper limit for detection short cut of HFM	1x1
air mass flow lower limit for detection short cut of HFM	1x1
air mass floe upper limit for detection short cut of HFM	1x1
Minimum HFM air mass	1x1
min. air mass ratio to request desired torque for diagnosis CPV	1x1
Debouncing time fault detection temperature radiator output	1x1
minimum necessary deterioration of engine efficiency for release HSP during part load	1x1
minimum necessary deterioration of engine efficiency for release HSP during idle speed	1x1
Constant engine speed reduction at run out	1x1
minimum necessary time for catalyst heating in due to a cold start during idle for evaluation of ignition efficiency	1x1
minimum necessary time for catalyst heating in due to a cold start outside idle for evaluation of ignition efficiency	1x1
Final value of Error counter for verifying of Null-Load-Test-Pulse	1x1
Error counter end value of test voltage verification	1x1
Number of permitted resets for verifying of Null-Load-Test-Pulse	1x1
Number of permissible resets in case of an error in test voltage verification	1x1
Maximum ADC value in case of ADC channel moved to low during the ADC verification	1x1
Maximum test voltage in ADC test	1x1
Minimum test voltage in ADC test	1x1
counter end value for debouncing of the SW-reset	1x1
limit of deviation between time base of GPTA and CPU	1x1
Error tolerance threshold for double storage and cyclic RAM-Test	1x1
Error tolerance threshold for cyclic ROM-Test	1x1
Complement of the tolerance threshold of the healing counter for the double storage and the cyclical RAM-tests	1x1
Tolerance threshold of the healing counter for the double storage and the cyclical RAM-tests	1x1
Complement of the tolerance threshold of the healing counter for the cyclical ROM-tests	1x1
Tolerance threshold of the healing counter for the cyclical ROM-tests	1x1
duplicate storage of MoCMem_noMEMCodeChkRst_CW	1x1
code word for deactivating of the cyclic ROM test over code in the function monitoring	1x1
DA for MoCMem_noMEMDataChkRst_CW	1x1
code word for deactivating of the cyclic ROM test over data in the function monitoring	1x1
Number of 32-bit memory cells to be tested in cyclical RAM-check	1x1
Number of 32-bit memory cells to be tested in cyclical ROM-check	1x1
code word for requiring the reaction test of the cyclic RAM test	1x1
Number of 32-bit memory cells to be tested in cyclical ROM-check	1x1
code word for requiring the reaction test of the cyclic RAM test	1x1
code word for requiring the reaction test of the cyclic ROM test	1x1
Error tolerance threshold for CRC checksum error in PCP code	1x1
Number of 32Bit words which will be used for each cyclic step by the checksum algorithm	1x1
Activation of monitoring function test for the PCP monitoring (PCP command test)	1x1
Tolerance threshold for erasing counter at CRC checksum error in PCP code	1x1
codeword for request of reaction-test of parts in shutdown and recheck in ECU boot up	1x1
codeword for request of reaction-test of parts in shutdown and recheck in ECU boot up	1x1
codeword for request of reaction-test of parts in ECU boot up	1x1
codeword for request of reaction test in ECU post-drive	1x1
duplicate storage (DA) of MoCRom_noROMCodeChkRst_CW	1x1
CW for deactivation of complete ROM-check of code	1x1
(DA) of MoCRom_noROMDataChkRst_CW	1x1
CW for deactivation of complete ROM-check of data	1x1
codeword for request of reaction test in ECU boot up	1x1
Codeword for activation of the fault reaction internal CAN driver shut off by WDA	1x1
Maximum engine speed for activating the overvoltage latch in the VDD5 monitoring hardware	1x1
code word for activating the fault reaction MM reset	1x1
operation modes for setpoint map KFPRSOL2	1x1

operation modes for setpoint map KFPRSOL3	1x1
Maximal value checksum debounce counter ACCA message	1x1
Maximal value checksum debounce counter ACCB message	1x1
Minimal value for counter error	1x1
Maximal value alivecounter debounce counter ACCA message	1x1
Maximal value alivecounter debounce counter ACCB message	1x1
Checksum constant depending on CAN ID of ACCA message	1x1
Checksum constant depending on CAN ID of ACCB message	1x1
Switch ACCA or ACCA2 frame	1x1
Maximum permitted average value for cylinder individual fuel correction in function monitoring	1x1
Speed threshold for the check of evaporating fuel in function monitoring	1x1
Minimum permitted value of evaporating fuel at high engine speeds in function monitoring	1x1
Minimum permitted value of evaporating fuel at low engine speeds in function monitoring	1x1
Codeword for the Configuration of function MoFAirFl_Cyl in function monitoring	1x1
Number of permissible resets in case of plausibility error between the two APP sensors	1x1
Error time for pedal signals which are implausible to each other during the monitoring	1x1
codeword for selecting accelerator pedal	1x1
Switch to enable Minimum value selection between APP1 and APP2	1x1
Full throttle- set value- threshold	1x1
maximal value of driving pedal signal in the function monitoring	1x1
minimal value of driving pedal signal in the function monitoring	1x1
Lower threshold of the APP voltages for plausibility test	1x1
Maximum permitted difference between the accelerator pedal signals above the full throttle threshold	1x1
Maximum permitted difference between the accelerator pedal signals beneath full throttle threshold	1x1
Correction curve of APP2 for monitoring	2x1
Debounce time for the brake signal for ACC deactivation in function monitoring	1x1
Debounce time for the brake signal for APP limp-home-mode in function monitoring	1x1
Debounce time for the brake signal for cruise control deactivation in function monitoring	1x1
Counter value which switches off cruise control	1x1
Duration of MET checksum error debouncing in Level 2	1x1
Duration of MET rolling counter error debouncing in Level 2	1x1
CAN ID for MET2	1x1
MET CAN Id in Level 2	1x1
Bit to enable different function in cruise control monitoring	1x1
Switch for MET frame choice	1x1
Debounce threshold for Clutch 3 signal	1x1
Low debounce threshold for Clutch 3 signal	1x1
Debounce counter threshold for Clutch 3 stuck ON error	1x1
Debounce threshold for Clutch 4 signal	1x1
Low debounce threshold for Clutch 4 signal	1x1
Debounce counter threshold for Clutch 4 stuck OFF error	1x1
Debounce counter threshold for Clutch stuck OFF error	1x1
Debounce counter threshold for Clutch stuck ON error	1x1
Debounce threshold to detect clutch stroke sensor failure error	1x1
Debouncing counter threshold for clutch state	1x1
Counter threshold to detect EPB checksum error	1x1
Counter threshold to detect EPB rolling counter error	1x1
Switch to select stroke sensor or Digital switches for clucth signal	1x1
Sum of all the nibbles resulted due to addition of frame ID Com_dEPBID_C and 0x800	1x1
Hysteresis threshold to detect 20% clucth position	1x1
Hysteresis threshold to detect 90% clucth position	1x1
Switch for clutch state	1x1
Calibration to enable EPB frame, checksum and rolling counter check	1x1
Calibration to select type of error reaction	1x1
Dead time of offset calculation during monitoring	1x1
Time constant PT1 filter	1x1
Torque offset map in level2	8x8
Threshold for debounce of checksumerror	1x1
Threshold for MoFDCS_cntrRiCntrCpl	1x1
debounce-threshold stabilizer unit error	1x1
Threshold for MoFDCS_ctDebDCSDeactv	1x1
CAN Message Id for AYCB frame	1x1
CAN Message Id for AYCF frame	1x1
Calibration switch to select either wheel Torque(AYCF frame) or Clutch Torque(AYCB frame)	1x1
Maximum torque permissible	1x1
Maximum torque permissible when MoFDCS_stDCSPlus is set	1x1
delay time for Turn on Delay ACC	1x1
delay time for Turn on Delay cruise control	1x1
Comparative value minimum speed ACC	1x1
vehicle speed threshold for cruise control activation in the function monitoring	1x1
Rate of change of torque during ramp down in function monitoring	8x8
Rate of change of torque during ramp up in function monitoring	8x8
Delta multiplication factor for turning off sports mode	8x8
Delta multiplication factor for turning on sports mode	8x8
Default Previous drive mode in function monitoring	1x1
Default drive mode in function monitoring	1x1
Drive mode selection switch in function monitoring	1x1
Accelerator pedal map in case of Eco or Comfort mode in function monitoring	8x8
Accelerator pedal map in case of snow mode in function monitoring	8x8
Accelerator pedal map in case of sports mode	8x8
Minimum torque difference for ramping of torque during drive mode change to be activated in function monitoring	1x1
Debounce time for the checksum Error(SWTCH1 Frame)	1x1
Calibration label: Debounce rasters for checksum error	1x1
Debounce Time for alive counter check (SWTCH1 frame)	1x1
Calibration label: Debounce rasters for rolling counter error	1x1
Offset for checksum calculation (has to be calculated depending on CAN ID). Value results of CAN data frame ID	1x1
Offset for checksum calculation (has to be calculated depending on CAN ID)	1x1
Default value for Drive mode in case of final error	1x1
switch to select between two drive and five drive mode	1x1
Calibration label: relevant value for drive mode level1	1x1
Error counter value for engine speed comparison during function monitoring	1x1
Number of permissible resets in case of error in engine speed comparison	1x1
Maximum permissible engine speed slope in engine speed monitoring	1x1
Permitted difference between calculated engine speeds in level 1 and level 2	1x1
Minimum engine speed during engine speed monitoring	1x1
Maximum debounce time for recognized engine speed slope error in engine speed monitoring	1x1
Debounce threshold of test request from level 1 for engine test	1x1
High Idle engine speed tester request turn off delay threshold	1x1
Debounce threshold for reset of the diagnosis state for engine test	1x1

Maximum permissible duration of High Idle engine speed tester request threshold	1x1
Maximal duration of engine test in function monitoring	1x1
High Idle engine speed tester request is permitted below this accelerator pedal ratio	1x1
Deactivationlabel for timeout check	1x1
velocity limit in additional external Intervention in function monitoring	1x1
codeword for manipulation of injection counter feedback in function monitoring	1x1
codeword for manipulation of ignition cut off mask in function monitoring	1x1
codeword for manipulation of state Pre/PostDrv in function monitoring	1x1
Maximum counter for which GSH status is debounced	1x1
Maximum counter to plausiblise clutch status	1x1
factor-curve Speedgov-torque(gear shift intervension)	8x1
factor-curve Speedgov-torque	8x1
Activatedeactivate GSH feature	1x1
Minimum clutch stroke ratio for GSH activation	1x1
Error debounce threshold for syncronization error between two gear position signal	1x1
High to low debounce threshold for gear neutral over ADC	1x1
Debounce threshold for analog neutral signal debouncing	1x1
Debounce threshold for low to high transition of push button signal debouncing	1x1
Debounce threshold for High to low transition in T50 signal debouncing	1x1
Debounce threshold for low to high transition in T50 signal debouncing	1x1
Debounce threshold for EAT7 checksum error detection	1x1
Debounce threshold for low to high transition in T50 signal debouncing	1x1
Debounce threshold for EAT7 checksum error detection	1x1
Debounce threshold for EAT7 rolling counter error detection	1x1
Debounce threshold for EATB checksum error detection	1x1
Debounce threshold for EATB rolling counter error detection	1x1
Threshold for error reaction during implausible engine start	1x1
Threshold for delay counter for high to low transition of neutral gear signal	1x1
EATB frame CAN ID	1x1
Correction factor for ADC signal for gear position	1x1
Starter cutoff engine speed threshold	1x1
Counter to check number of neutral gear transitions	1x1
Calibration used in finding checksum for EAT7 frame	1x1
Default value of actual gear position	1x1
Default status of forward or reverse clutch fastened	1x1
Default value of gear neutral position via ADC	1x1
Neutral position status based on gear position signal	16x1
Calibration to select type of transmission	1x1
Switch to enable rolling counter check and checksum check for EAT7 frame	1x1
Switch to enable rolling counter check and checksum check for EATB frame	1x1
Disable Calibration for ISS Monitoring	1x1
Switch to invert gear neutral signal via ADC	1x1
Switch to select source of gear nuetral signal in EAT2B frame	1x1
Switch to select source of gear nuetral signal via CAN or ADC	1x1
Switch to select start request of digital input or push button input	1x1
Maximum difference permitted for synchronization test between two gear position signal	11x1
Upper voltage threshold for gear neutral information	1x1
Lower voltage threshold for gear neutral information	1x1
Threshold for MoFTra_cntrDebTSCDeactv	1x1
Thershold for the detection of checksum error	1x1
Max debounce count for the detection of the ring counter error	1x1
CAN-ID transmission-intervention	1x1
Default value of ISS signal in case of error	1x1
Calibration to update value of MoFTra_stEAT5CANErr	1x1
Default value of engine start request	1x1
maximal increment of MoF_facTrqErrSum per time	1x1
maximal decrement of MoF_facTrqErrSum per time	1x1
variant status for the selection of the powertrain losses between basis or PT1	1x1
variant status for the selection of the powertrain losses between PT2 or basis respectively PT1	1x1
time during maximal start torque is allowed in function monitoring	1x1
maximal inner torque during start in function monitoring	1x1
maximum inner torque	1x1
Maximum allowed power train ratio	1x1
Minimum allowed power train ratio	1x1
max. tolerance of injection time calculated from relative fuel mass	1x1
fault tolerance for rl comparison with the function in function monitoring	1x1
fault tolerance time for rk-ti check	1x1
fault tolerance time for rk-ti check	1x1
fault tolerance time for rk-ti check	1x1
verification time for deviation between rl and rlp in func. mon.	1x1
fault tolerance for fuel adaption at monitoring function	1x1
error counter for checking ignition cut off in the fault reaction monitoring	1x1
error counter for checking injection cut off in the fault reaction monitoring	1x1
Final Value for Delay Counter for Ignition Cut Off in Function Monitoring	1x1
Error Tolerance for Error in Lambda Check in Function Monitoring	1x1
Final Value for Delay Counter for PCP-feedback in Function Monitoring	1x1
fault tolerance for rl comparison with the function in function monitoring	1x1
number of resets in case of error of air check	1x1
number of resets in case of error ti-rk-check	1x1
number of resets in case of error ti-rk-check	1x1
number of resets in case of error in mixture check	1x1
number of resets in case of error in operation mode check	1x1
number of resets in case of error of air check	1x1
number of resets in case of error in operation mode check	1x1
number of resets in case of error of air check	1x1
number of Resets to be executed in the error case	1x1
number of resets in case of error of ignition timing check	1x1
error tolerance time for torque comparison in the function monitoring	1x1
counter for putting of the test flag in diagnosis of torque comparison	1x1
Fault tolerance for ignition angle monitoring in function monitoring.	1x1
whole compensation factor via driver in the function monitoring	1x1
the engine speed stabilisation factor in function monitoring	8x1
the total compensation factor in function monitoring	8x1
the dynamic compensation factor in over run Mode in function monitoring	1x1
the dynamic compensation factor in function monitoring	1x1
the over run compensation factor at full compensation in function monitoring	1x1
Factor for protection of maximally torque downwards	1x1
Detection threshold for the error sum MoF_facTrqErrSum in function monitoring	1x1
Factor characteristic curve for over run cutoff air charge in the functional monitoring	8x1
loss torque compensation active in function monitoring	1x1
engine speed threshold for MoF_AirFilgPrdc	1x1
lower engine speed threshold for rkti-check	1x1
lower engine speed threshold for rkti-check	1x1

engine speed threshold to throw down the model temperature in the functional monitoring	1x1
engine speed threshold for starting the model temperature in the functional monitoring	1x1
engine speed threshold for the entry of the cycle flags MoFTrqCmp	1x1
engine speed threshold for monitoring ignition cut-off in PostDrv in function monitoring	1x1
engine speed threshold for monitoring ignition cut-off in PreDrv in function monitoring	1x1
engine speed offset for ignition off at fuel cut off in function monitoring	1x1
Engine speed limit for entire fuel cut-off during ICO	1x1
Speed lim. as func. of nominal pedal value, in DK drive standby func.,func.mon.	8x1
switch over threshold for minimum drag torque in function monitoring	1x1
upper threshold for overrun in function monitoring	1x1
lower threshold for overrun in function monitoring	1x1
curve maximal inner torque in function monitoring	8x1
weighting of the filtered permissible torque in function monitoring	8x1
parameter for variant coding	1x1
codeword in function MoFZwc	1x1
temperature gradient for model temperature in the normal opreation in the function monitoring	5x5
temperature gradient for model temperature in the fuel cut-off opreation in the function monitoring	5x5
maximum initialization value of the model temperature in the function monitoring	1x1
offset for model temperature in the function monitoring	1x1
Filter time constant for compensation torque in the function monitoring	1x1
time thershold after it the temperature plasibility check is enable in function monitoring	1x1
permissible adaptation torque in the function monitoring	1x1
charge change losses in the function monitoring	8x1
power train loss torque as f (engine speed, accelerator pedal) in the function monitoring	8x8
power train loss torque as f (engine speed, accelerator pedal) in the function monitoring	8x8
power train loss torque as f (engine speed, temperature) in the function monitoring	8x8
power train loss torque as f (engine speed, temperature) in the function monitoring	8x8
electric consumer in the function monitoring	8x8
friction losses in the function monitoring	8x8
accelerator pedal map(engine speed, accelerator pedal position) in function monitoring	8x8
minimal torque with anti clack in function monitoring	8x1
power train loss in function monitoring	8x1
AC torque in the function monitoring	8x1
loss torque of the fan in the function monitoring	8x1
minimal torque dependent on minimal load in the function monitoring	8x8
maximum indicated engine torque for torque standardisation	1x1
maximum indicated engine torque for torque standardisation	1x1
offset for maximum permissible idle speed control torque	1x1
offset for maximally permissible idle speed control torque	1x1
loss torque of the power steering in the function monitoring	1x1
Maximum Debounce time for checksum in MoI	1x1
Maximum Debounce Counter for alive counter in MoI	1x1
offset calibration in MoI	1x1
Default value for five drive mode status	1x1
instruction test label for monitoring	1x1
instruction test label for monitoring	1x1
maximal increment of MoXTrqPtd_facTqErrSum per time	1x1
maximal decrement of MoXTrqPtd_facTqErrSum per time	1x1
threshold for MoXTrqPtd_facTqErrSum to activate torque limitation from extended monitoring	1x1
threshold for MoXTrqPtd_facTqErrSum to deactivate torque limitation from extended monitoring	1x1
Calibration value for permanently activation of limitation of extended monitoring	1x1
threshold for MoXTrqPtd_facTqErrSum to deactivate torque limitation from extended monitoring	1x1
Calibration value for permanently activation of limitation of extended monitoring	1x1
delay time for the filtering of the permitted torque	1x1
debounce time for the determination of the condition MoXTrqPtd_flgEngLimDeactv_MP	1x1
low pass time constant for permitted torque in extended monitoring	1x1
threshold for EngTrqPtd_trqSet to deactivate torque limitation from extended monitoring	1x1
offset for the permitted inner torque (corresponding level 2)	8x8
offset for the determination of MoXTrqPtd_flgPtdFltEngLimLeadDeactv_MP	1x1
offset for the determination of MoXTrqPtd_flgPtdFltEngLimSetDeactv_MP	1x1
threshold for MoF_ctTrqCmp to activate torque limitation from extended monitoring	1x1
engine speed threshold to switch off the permissible moment in the extended monitoring	1x1
engine speed threshold to the activation of the permissible torque in the extended monitoring	1x1
speed threshold for activation of detection of loss of synchronization in extended monitoring	1x1
weighting of the filtered permissible torque in function monitoring	8x1
maximum of power train transmission ratio in extended monitoring	1x1
minimum of power train transmission ratio in extended monitoring	1x1
Codeword for detection of loss of synchronization	1x1
the discharge time of the intake manifold in extended monitoring	1x1
low pass filter time constant for permissible torque in extended monitoring	1x1
maximum inner torque during start in extended monitoring	1x1
maximum indicated engine torque for torque standardisation	1x1
maximum indicated engine torque for torque standardisation	1x1
offset for maximum permissible torque	8x8
Codeword master-slave configuration in function monitoring	1x1
code word for ECU-resets in case of fault	1x1
code word for ECU-resets in case of fault	1x1
Codeword: irrev. fault reaction in function monitoring for Level 1	1x1
code word for hybrid vehicle in the function monitoring	1x1
Condition reset drag counter in function monitoring	1x1
Condition reset drag counter in function monitoring	1x1
Maximum of inner engine torque from ECU monitoring package.	1x1
Maximum of inner engine torque from ECU monitoring package.	1x1
Maximum of inner engine torque from ECU monitoring package.	1x1
Maximum of inner engine torque from ECU monitoring package.	1x1
Torque reserve for CILLCN	1x1
Torque reserve during rear window heating.	1x1
LLR: increased torque reserve at idle after speed undershoot	1x1
additional torque reserve for undervoltage	1x1
Additional torque reserve for gear shift harmonization	1x1
Instance of the state machine for the electrical main relay diagnosis / Calibration to generate required number test impulses.	1x1
Status of mechanical diagnosis / Threshold to detect the Early Opening Running	1x1
Status of mechanical diagnosis / Threshold to detect the Early Opening	1x1
Waiting time of sticky diagnosis	1x1
minimum mass flow over throttle in canister purge control	1x1
minmal air mass flow for enable HFM	1x1
mass flow from HFM depending on voltage	129x1
Threshold integrated CPV-mass flow for diagnosis for CPV stuck closed	1x1
definiton which soft disables by exhast relevant actions are disabeling scavenging	1x1
Mask for hard disabling dynamic scavenging by camshaft control	1x1
definiton which soft disables by camshaft control are disabeling scavenging	1x1
Curve stand. mass flow of re-asp. scavenging air	10x1

Curve stand. mass flow of re-asp. scavenging air for outlet valve lift switch	10x1
character map for mass	100x1
character map for mass	100x1
Character map for mass flow at second purge line	50x1
Character map for mass flow at second purge line	50x1
Curve stand. mass flow of re-asp. scavenging air	10x1
Curve stand. mass flow of re-asp. scavenging air for outlet valve lift switch	10x1
standardized mass flow through the complete open PCV	1x1
standardized mass flow through the complete open PCV	1x1
standardized mass flow through the complete open PCV	1x1
standardized mass flow through the complete open PCV	1x1
standardized mass flow through turbine	1x1
Threshold of integrated Massflow for rough leak detection at tevschuss (0.5-mm-check)	1x1
Threshold of integrated Massflow for rough leak detection at tevschuss (0.5-mm-check)	1x1
mass flow limit from where on pulsation filterin is activ	1x1
Threshold release claculation HC-load fuel purge control	1x1
Characteristic line purge mass flow depending from tank pressure	6x1
Threshold mass flow for complete closing of CPV for Tank Leakage Diagnosis	1x1
desired standardised over critical air mass flow at KL15 off	8x1
threshold for mass flow upstream air cooler below pumping or back flow through dump valve is possible	1x1
Exhaust gas mass flow lower limit enabling offset adaptation during charge reduction	1x1
Exhaust gas mass flow upper limit enabling offset adaptation during charge reduction	1x1
Exhaust gas mass flow lower limit enabling offset adaptation	1x1
Exhaust gas mass flow upper limit enabling offset adaptation	1x1
Exhaust gas mass flow lower limit enabling offset adaptation during fuel cut off	1x1
Exhaust gas mass flow upper limit enabling offset adaptation during fuel cut off	1x1
Threshold integrated CPV-mass flow for diagnosis tank pressure sensor	1x1
Massflow tolerance of TEV massflow	6x1
max. threshold of active-counter for smallest leak diagnosis (0,5mm)	1x1
max. threshold of active-counter for small leak diagnosis (1,0mm)	1x1
conversion constant for calculation the mixture correction rka	1x1
conversion constant for calculation the mixture correction rka	1x1
adaptation pslm-psdss speed upper limit	1x1
adaptation pslm-psdss speed lower limit	1x1
max. number of requests of desired torque for diagnosis CPV	1x1
Engine speed threshold f. CJ400-power stage diagnosis	1x1
lower engine speed threshold for knock-sensor lose fit detection	1x1
upper engine speed threshold for knock-sensor lose fit detection	1x1
kncok control: engine speed threshold anbale short circuit diagnosis	1x1
upper diagnostic threshold for knock-sensor diagnosis	1x1
lower diagnostic threshold for knock-sensor diagnosis	1x1
Engine speed threshold for LDRA fault path and healing ldo fault path	2x1
maximal number of fuel cut off requested by knock control to activate air charge reduction	1x1
Minimal allowed engine speed at idle with AT in drive	1x1
Target-speed increase for speed-sensor limp-home	1x1
min. Number of equal plausibility-results for majority-decision	1x1
Threshold control error below which the additional power for turbine is switched off	1x1
Engine speed gradient during decreasing the cut-off hysteresis	1x1
Engine speed gradient during decreasing the cut-off hysteresis at idle	1x1
hold time for condition enginespeed gradien maximum for DMDZMS	1x1
engine speed threshold for UFGKC	1x1
threshold revolution gradient for dynamics detection	13x1
Threshold of speed gradient for starting dynamic target idle speed calculation	1x1
Threshold usage rate to request additional pwer for turbine	1x1
engine speed threshold for minimal MAF air flow	1x1
engine speed threshold for maximal MAF air flow	1x1
speed below which KC-adaptation is freezed	1x1
engine speed threshold to enable knock control	1x1
revolution threshold for filter mean frequency area 1	1x1
revolution threshold for filter mesn frequency area 2	1x1
revolution threshold for filter mean frequency area 3	1x1
revolution threshold for filter mean frequency area 4	1x1
RPM threshold to break primal fuelling	1x1
desired engine speed	9x6
desired idle speed in Drive-mode	9x6
Minimal allowed engine speed at idle	1x1
Minimal allowed engine speed at idle	1x1
engine speed threshold for diagnosis of HFM-output voltage	1x1
Maximum engine speed for fluts-method when fofstat = 2	1x1
maximum engine speed for catalyst warming	1x1
Mask for cut off limitation by tester	1x1
Lower threshold of the predicted engine-speed for the increase of permissible torque on lead-path	1x1
engine-speed limitation, transient limit	1x1
Upper threshold of the predicted engine-speed for the increase of permissible torque on lead-path	1x1
Threshold of the accelerator pedal position for the increase of permissible torque on lead-path	1x1
Delay time for detection of neutral gear	1x1
Maximum time, in which increase of permissible torque on lead-path is active	1x1
Threshold of the vehicle speed for the increase of permissible torque on lead-path	1x1
engine speed limit in case of too high rail pressures	1x1
engine speed limit in case of a insufficient rail pressure	1x1
engine speed threshold for crank-synchronous calculation of basic torques	1x1
Minumum threshold of RPM (revolution per minute) for 2nd discharge point	1x1
Maximum threshold of RPM (revolution per minute) for 2nd discharge point	1x1
Highest engine speed for fast fuel-on adaptation while fuel-off adaptation is still incomplete.	1x1
Delta engine speed for hysteresis choice of injection mode	1x1
min. engine speed for deactivating misfire detection	1x1
min. engine speed for deactivating misfire detection DMDDLU	1x1
min. engine speed, up to that the manifold pressure (psini_w) is valid while engine start	1x1
min. engine speed, up to that the pressure upstream throttle valve (pvdini_w) is valid while engine start	1x1
Engine speed threshold for switching back KAMFZKH --> KAMFZ	1x1
min. engine speed threshold for activating scavenging	1x1
max. engine spped threshold for activation scavenging	1x1
minimum rpm for release error simulation	1x1
max threshold for engine speed stuck check	1x1
maximum rpm for release error simulation	1x1
min threshold for engine speed stuck check	1x1
lower threshold for engine speed for leakage adaptatio	1x1
Upper limit: Engine speed for pressure sensor diagnosis select 2 out of 3	1x1
minimum engine speed for function DHDEVO	1x1

Minimum engine speed for permition of HO2	1x1
Minimum engine speed for permition of HO3	1x1
Minimum engine speed for permition of HP3	1x1
Minimum engine speed for permition of HP3	1x1
engine speed threshold for UFMODC/MoFModc	1x1
engine speed for throttle position depends on CEP	1x1
max. rpm, when throttle position demand is because of tester	1x1
Minimum engine speed for priority DTEV	1x1
Maximum engine speed for priority DTEV	1x1
Minimum engine speed for CPV pressure check	1x1
Maximum engine speed for release of DTEVP	1x1
Maximum engine speed for priority DTEV air check	1x1
engine speed for enable adaption of fkpvdk(min)	1x1
engine speed for enable adaption of fkpvdk(max)	1x1
Engine speed amplitude error threshold for non-plausible error	1x1
Minimum revolution speed gradient in observation window for fast starter cut off	1x1
under engine speed limit for initialization psini_w with psdss_w	1x1
Engine speed for enable adaptation of ofmsndk min.	1x1
Engine speed for enable adaptation of ofmsndk minimum (in window region 2)	1x1
Engine speed for enable adaptation of ofmsndk max.	1x1
Engine speed for enable adaptation of ofmsndk maximum (in window region 2)	1x1
Engine speed for enable adaptation of ofmsndk max.	1x1
Engine speed for enable adaptation of ofmsndk maximum (in window region 2)	1x1
Threshold deviation engine speed CPV pressure check	1x1
Lower threshold for prediction of air charge	1x1
Difference of engine speed with stored value to determine the similar conditions window	1x1
Minimum engine speed shift of operation point - fuel purge	1x1
Maximum engine speed shift of operation point - fuel purge	1x1
Threshold value for engine speed to switch between time synchronous or speed synchronous interfaces	1x1
Engine speed thresh. TKA-stuck-check (so throughput of water pump higher (pu))	1x1
Revolution speed threshold for fast starter cut off	1x1
Engine speed threshold for tested condition in rationality diagnosis	1x1
hysteresis threshold engine speed MSV light-load-control	1x1
upper threshold engine speed MSV light-load-control	1x1
lower threshold engine speed MSV light-load-control	1x1
Engine Speed Deviation limit for activation of Reduced Current Control	1x1
Engine Speed Threshold for activation of Reduced Current Control	1x1
hysteresis threshold engine speed MSV two-point-control	1x1
Engine speed lower limit enabling offset adaptation during charge reduction	1x1
Engine speed upper limit enabling offset adaptation during charge reduction	1x1
Engine speed lower limit enabling offset adaptation	1x1
Engine speed upper limit enabling offset adaptation	1x1
Engine speed lower limit enabling offset adaptation during fuel cut off	1x1
Engine speed upper limit enabling offset adaptation during fuel cut off	1x1
upper threshold for engine speed for leakage adaptation	1x1
Maximum permissible engine speed at throttle actuator limp-home operation	6x1
maximum engine speed for function DHDEVO	1x1
max. allowed engine speed in case of open clamping HPIV	1x1
Maximum engine speed for permition of HO2	1x1
Maximum engine speed for permition of HO3	1x1
Maximum engine speed for permition of HP3	1x1
Maximum engine speed for permition of HP3Z	1x1
Maximum engine speed for operating mode HSP	1x1
Maximum engine speed for permition of HP3Z	1x1
Maximum engine speed for operating mode HSP	1x1
hysteresis for stopping HSP-mode dependent on nmot	1x1
Maximum engine speed for operating mode HSP for strategy demand	1x1
rpm-threshold for maximal engine speed for HSP-mode during warm-up	1x1
Maximum permitted engine speed in case of unknown throttle position -> cut off	1x1
Maximum engine speed for calculation of basic ignition angle maps in synchro-task	1x1
upper speed threshold for fuel-off adaptation	1x1
upper speed threshold for fuel-off adaptation	1x1
upper speed threshold for fuel-off adaptation	1x1
upper speed threshold for adaptation in fuel-off mode	1x1
upper speed threshold for adaptation in fuel-off mode	1x1
codeword for release of adaptation	1x1
upper engine speed threshold for ORA adaptation (at higher load)	1x1
max. number of ORA stop-inhibitions for one ORA-adaptation per DCY in Start-Stop-systems	1x1
engine speed limit for calculating pressure in syn for pressure downstream trottle valve	1x1
Engine speed threshold for switching to segment raster	1x1
Engine speed threshold for switching to segment raster	1x1
engine speed limit for lower manifold pressure of signal variation check	1x1
engine speed limit for upper manifold pressure of signal variation check	1x1
engine speed limit where pulsation at HFM appears	1x1
engine speed limit, till there pulsation at HFM appears	1x1
engine speed limit where pulsation at manifold appears	1x1
engine speed limit where pulsation at manifold appears with P sensor	1x1
upper engine speed limit for comparison pu - pvd	1x1
upper engine speed limit for comparison pu - pvd	1x1
engine speed limit for calculating pressure in syn	1x1
Min. engine speed for average value formation via segment pvd	1x1
minumum engine speed for limitation rka correction	1x1
minumum engine speed for limitation rka correction	1x1
lowest engine speed for calculation of umsrln	1x1
desired engine speed with air conditioner on (S_AC = 1) and AT in Drive (S_fs=1)	6x1
lowest engine speed for calculation of umsrln	1x1
desired engine speed with air conditioner on (S_AC = 1) and AT in Drive (S_fs=1)	6x1
desired engine speed with air conditioner on (S_AC = 1)	6x1
Minimal target speed for hot idling	1x1
Calibration for Mode desired idling speed, vehicle speed	1x1
Target-speed increase for speed-sensor limp-home	1x1
Target engine speed while by throtle inadequacy	1x1
target engine speed at defect of crankcase ventilation	1x1
limitation of target idle speed	1x1
Calibration for Desired idling speed, vehicle speed	1x1
Engine speed threshold for stall detection in function monitoring	1x1
max. engine speed for deactivating misfire detection	1x1
idle speed reference: engine oil overheat	8x1
engine-speed threshold 1 for switching calculation	1x1
engine-speed threshold 2 for switching calculation	1x1
speed limit for TIP-IN	1x1
Target idle RPM in case of low ambient temperature (B_fs=0)	1x1
Target idle RPM in case of low ambient temperature (B_fs=1)	1x1
Debouncing time fault detection temperature radiator output	1x1
lower speed threshold for fuel-off adaptation	1x1

lower speed threshold for fuel-off adaptation	1x1
lower speed threshold for fuel-off adaptation	1x1
lower speed threshold for adaptation in fuel-off mode	1x1
lower speed threshold for adaptation in fuel-off mode	1x1
Number of combustions with direct start ignition angles	1x1
minimal engine speed for dealy time	1x1
threshold for deactivation desired throttle position without torque structur	6x1
Fuel cut in speed after SAS gerarbox protection	1x1
Engine speed Parameter for calculation thermal contact of fresh air	1x1
Speed threshold for decrementing time counter for hot idling	6x1
Speed threshold for incrementing time counter for hot idling	6x1
engine speed threshold for fixed ign.angle output	1x1
Maximum count of successful measurements for cat purge function catalyst 1 bank 1	1x1
Maximum count of announced threshold exceedances for cat purge function catalyst 1 bank 1	1x1
Maximum mass flow for OSC measurement catalyst 1	1x1
Minimum mass flow for OSC measurement catalyst 1	1x1
Ageing factor catalyst	1x1
Table delay correction time for measurement of storage capability cat for sensor downstream catalyst 1 (transition lean-rich)	4x1
Table delay correction time for measurement of storage capability cat for sensor downstream catalyst 1 (transition rich-lean)	4x1
Correction map for lambda and massflow dependence of OSC catalyst 1 bank 1	8x8
OSC corection factor, in case of missing sensor downstream catalyst 2	1x1
Table correction time for measurement of storage capability cat for sensor downstream catalyst 1 (transition lean-rich)	4x1
Table correction time for measurement of storage capability cat for sensor downstream catalyst 1 (transition rich-lean)	4x1
OSC correction according to the sensor voltage downstream catalyst 1	8x1
Initial value of OSC correction factor of catalyst 1	1x1
upper threshold of lambda controller output for valid OSC calculation	1x1
lower threshold of lambda controller output for valid OSC calculation	1x1
event filter constant for OSC correction factor during diagnosis of catalyst	1x1
maximum event filter constant for OSC correction factor	1x1
event filter constant for OSC correction factor	1x1
Table conversion ROSC to OSC catalyst 1	10x1
factor timethreshold sensor dynamic correction for measurement of storage capability of catalyst plausible, sensor downstream catalyst	1x1
factor timethreshold sensor dynamic correction for measurement of storage capability of catalyst plausible, sensor upstream catalyst	1x1
Threashold oxygen mass flow richlean	1x1
Maximum air mass threshold for favourable OSC measurement catalyst 1	1x1
Table oxygen storage capability of a aged catalyst 1 bank 1	8x8
Table oxygen storage capability of a aged catalyst 2 bank 1	8x8
Table oxygen storage capability of a new catalyst 1 bank 1	8x8
Table oxygen storage capability of a new catalyst 2 bank 1	8x8
spare value for OSC correction factor catalyst 1	1x1
code word application mode for reset of ageing factor	1x1
Code word modelling of oxygen storage capacity dependency on catalyst diagnosiy	1x1
code word for options of OSC measurement in FC ExhMod_LamMdl	1x1
code word calculation OSC-ROSC	1x1
Maximum temperature diffence between start and end of the measurment of OSC catalyst 1	1x1
time constant for mass flow for enable condition	1x1
time delay enabling OSC measurement after temperature condition catalyst 1	1x1
maximal deadtime senor 1 for OSC calculation	1x1
Maximum measurement time for OSC catalyst 1	1x1
Time threshold after start-end, after that a OSC-ROSC measurement is posible	1x1
Delay time rich-lean or lean-rich transition of catalyst 1	1x1
Deceleration time for allowed lambda=1 transition during measurement	1x1
Deceleration time for allowed lambda=1 transition during cat purge	1x1
maximal time constant sensor 1 for OSC calculation	1x1
Maximum catalyst temperature for OSC measurement catalyst 1	1x1
Maximum threshold of switch-on hysteresis of OSC measurement catalyst 1	1x1
Minimum catalyst temperature for OSC measurement catalyst 1	1x1
Minimum threshold of switch-on hysteresis of OSC measurement catalyst 1	1x1
Threshold maximal decrease of post-cat voltage for detection of empty catalyst	1x1
Threshold maximal decrease of post-cat voltage for detection of empty catalyst	1x1
Increase of post-cat voltage required for the detection of an empty catalyst	1x1
Voltage threshold exhaust rich downstream catalyst 1 bank 1	1x1
Voltage threshold exhaust lean downstream catalyst 1 bank 1	1x1
Debouncing time of overvoltage diagnosis	1x1
Minimum integrator adaptation value for pirg adaptation	1x1
Maximum integrator adaptation value for pirg adaptation	1x1
Initialisation value normized massflow through throttle blade	1x1
Initialisation value normized massflow through throttle blade in second adaptation region	1x1
minimum value offset norm air mass flow through throttle	1x1
minimum value offset norm air mass flow through throttle (window region 2)	1x1
maximum value offset norm air mass flow through throttle	1x1
maximum value offset norm air mass flow through throttle (window region 2)	1x1
min. leakage of throttle blade for model based diagnosis	1x1
min. leakage of throttle blade for model based diagnosis	1x1
max. leakage of throttle blade for model based diagnosis	1x1
max. leakage of throttle blade for model based diagnosis	1x1
Threshold normed desireds air mass flow for enable adaption of ofmsndk	1x1
Threshold normed desired air mass flow for enable adaption of ofmsndk (in window region 2)	1x1
Maximum threshold normed desireds air mass flow for enable adaption of ofmsndk	1x1
Maximum threshold normed desireds air mass flow for enable adaption of ofmsndk (in window region 2)	1x1
Maximum threshold normed desired air mass flow for back interpolation to ofmsndk in window region 1	1x1
Maximum threshold normed desireds air mass flow for enable adaption of ofmsndk (in window region 2)	1x1
Maximum threshold normed desired air mass flow for back interpolation to ofmsndk in window region 1	1x1
leakage of throttle blade for calculation of wdkhf	1x1
Offset of knock detection threshold	1x1
The OIT value of chain terminator due to fuel dilution in failsafe action	1x1
The OIT value of chain terminator due to heat in failsafe action	1x1
The initial value of OIT chain terminator.	1x1
The OIT value of chain terminator due to NOx gas inside crankcase in failsafe action.	1x1
The OIT value of peroxide decomposer due to fuel dilution in failsafe action	1x1
The OIT value of peroxide decomposer due to heat in failsafe action	1x1
The initial value of OIT peroxide decomposer	1x1
The OIT value of peroxide decomposer due to NOx gas inside crankcase in failsafe action.	1x1
Switch for selecting Oil temperature	1x1
OilLfT_CumTrItTBNLfTi initial value	1x1
The engine oil deterioration degree lower limit Table by OilLfT_dstEngOilUsg	10x1
The engine oil deterioration degree maximum Table by OilLfT_dstEngOilUsg.	10x1
The degree Table of engine oil deterioration by OilLft_amtOIT	10x1
The degree Table of engine oil deterioration by OilLfT_CumTrItTBNLfTi	10x1
Engine oil use distance (for E-OIL Life processing)	1x1
The maximum mileage by OIL deterioration detection.	1x1

The deterioration coefficient 1 about OIT of chain terminator due to fuel dilution	15x1
The deterioration coefficient 2 about OIT of chain terminator due to fuel dilution	15x1
The deterioration coefficient 3 about OIT of chain terminator due to fuel dilution	15x1
The deterioration coefficient 1 about OIT of chain terminator due to heat	15x1
The deterioration coefficient 2 about OIT of chain terminator due to heat	15x1
The deterioration coefficient 3 about OIT of chain terminator due to heat	15x1
The deterioration coefficient 1 about OIT of chain terminator due to NOx gas inside crankcase	15x1
The deterioration coefficient 2 about OIT of chain terminator due to NOx gas inside crankcase	15x1
The deterioration coefficient 3 about OIT of chain terminator due to NOx gas inside crankcase	15x1
The deterioration coefficient 1 about OIT of peroxide decomposer due to fuel dilution	15x1
The deterioration coefficient 2 about OIT of peroxide decomposer due to fuel dilution	15x1
The deterioration coefficient 3 about OIT of peroxide decomposer due to fuel dilution	15x1
The deterioration coefficient 1 about OIT of peroxide decomposer due to heat	15x1
The deterioration coefficient 2 about OIT of peroxide decomposer due to heat	15x1
The deterioration coefficient 3 about OIT of peroxide decomposer due to heat	15x1
The deterioration coefficient 1 about OIT of peroxide decomposer due to NOx gas inside crankcase	15x1
The deterioration coefficient 2 about OIT of peroxide decomposer due to NOx gas inside crankcase	15x1
The deterioration coefficient 3 about OIT of peroxide decomposer due to NOx gas inside crankcase	15x1
Fuel factor of evaporation in engine oil	8x1
The correction coefficient of eingine water temperature to estimate NOx concentration.	5x1
OilLfT_facNoxTerm increment when Specified FS	1x1
Estimated NOx concentration inside crank case (ppm) .	14x14
Map data of exponential calculated value equivalent for converting OIT value for engine oil life calculation final value	21x1
OilLfT_facOxdTerm increment when Specified FS	1x1
Table speed factor of oil degradation due to Nox	10x1
Speed factor Table of TBN decrease due to oxidation	10x1
Speed factor Table of TBN loss due to thermal decomposition	10x1
OilLfT_facThermDstrTerm increment when Specified FS	1x1
Correction factor to convert relative volume of air per cylinder into absolute value	1x1
Fuel dilution rate in engine oil	5x1
Fuel dilution rate in FS ACTION	1x1
Switch for Intake air temperature sensor FIDs	1x1
Threshold for calculating coefficent 1 for deterioration	1x1
Threshold for calculating coefficent 2 for deterioration	1x1
The number of time of calculation for the OIT small value	1x1
The maximum run period by OIL deterioration detection	1x1
Limit for the absolute value of the transversal acceleration in order to enable the test of the minimum oil pressure	1x1
max. engine speed for oil pressure diagnosis	1x1
min. engine speed for oil pressure diagnosis	1x1
max. relative oil pressure in after-run	1x1
default value oil pressure	1x1
max. plausible oil pressure	1x1
min. plausible oil pressure	1x1
minimal required oil pressure depending on operation point	8x8
max. relative oil pressure before engine start	1x1
code word for the activation of the function and determination of the ECU	1x1
Parameter to configure the oilpressure-sensortype	1x1
debounce time for healing of oil pressure error	1x1
debounce time for healing of oil pressure error	1x1
debounce time for fault detection of oil pressure	1x1
debounce time for fault detection of oil pressure	1x1
debounce time for fault detection of oil pressure	1x1
Delay time for enabling the test of minimum oil pressure	1x1
Delay time for disabling the test of minimum oil pressure	1x1
min. engine off time for diagnosis of oil pressure	1x1
min. engine off time for diagnosis of oil pressure	1x1
min. duration of engine operation for enabling diagnosis of oil pressure	1x1
debounce time for low oil pressure warning	4x1
filter time oil pressure	1x1
Elapsed time after end of start has finished	1x1
temperature threshold for enabling diagnosis of oil pressure sensor	1x1
temperature threshold for enabling diagnosis of oil pressure sensor in after-run	1x1
temperature threshold for enabling diagnosis of oil pressure sensor before engine start	1x1
The characteristic field to calculate the gradient of model temperature in operating state Engine off, ECU on	5x5
Factor calculated based on engine off time to calculate initial oil temperature.	10x1
heat release coefficient based on engine speed to calculate model value for oil temperature.	11x1
Factor of the integrator in operating state Engine off, ECU on	1x1
factor for ambient temperature (model oil temperature in sump)	8x1
heat release coefficient based on vehicle speed to calculate model value for oil temperature.	12x1
Calibration switch to select calculation method for second oil-temperature model	1x1
Switch from which the status of the oil temperature model for the substitute value switch is valid	1x1
Selection switch: OilSwmpT_tADC is freezed or set to the replacement value OilSwmpT_tADCDfl_C, if for a longer time OilSwmpT_flgSwmpTSnsrAvl_mp = FALSE.	1x1
Switch: Source of replacement value for OilSwmpT_tADC	1x1
Switch: Source for OilSwmpT_tDispl	1x1
Selection switch: OilSwmpT_tPULS is frozen or set to the substitute value OilSwmpT_tPULSDfl_C, if OilSwmpT_flgCmbdSnsrAvl_mp = FALSE for a longer time	1x1
Selection switch: Source of the oil temperature replacement value for OilSwmpT_tPULS	1x1
Selection switch: Source of the oil temperature for OilSwmpT_t	1x1
Default Oil Temperature of sensor connected on ADC	1x1
Calibration parameter to detect whether block heater is present or not.	1x1
Block heater coefficient Calibration parameter to detect engine off time duration	1x1
curve based on intake air temperature inorder to compare with engine coolant temperature for block heater detection.	3x1
Default Oil Temperature	1x1
Heat coefficient based on engine speed and intake air mass(Map)	20x11
timelimit for swiching of the stat mcahin from short time to long time without a valid signal	1x1
Time constant of the Lowpass-Filters in operating state Engine off, ECU on	1x1
calibration parameter to detect egine off time is long or not.	1x1
curve to calculate engine off time based on engine coolant temperature	10x1
calibration parameter to select intake air temperatures.	1x1
Filter time for the PT1_Filter for OilSwmpt_tADCFltd	1x1
Filter time for the PT1_Filter for OilSwmpt_tDisplFltd	1x1
Filtering Time Constant for OilSwmpt_tFltd	1x1
Filtertime for PT1 filter of OilSwmpt_tPULSFltd	1x1
max thresholdtime for switching of the state machine for the replacement handling for the oil temperature sensor in case no valid value is present	1x1
Default value of Oil Temperature of the Oil-Combined-Sensor	1x1
Alternative values during failure mode for Meter display	1x1
Safe calibration value in case of sensor errors.	1x1
Application parameter for no of elements considered for avrg	1x1
application parameter for index to select engine speed	1x1
application parameter for count after which the oil level is learnt	1x1
Curve to decide factor for Battery correction	15x1

application parameter for factor to correct level	1x1
factor to correct the change in oil level during Long Idle state	1x1
factor to correct the oil level learnt during long idle state	1x1
application parameter for factor to correct learned level	1x1
Calibration curve to generate the factor for Temperature correction	15x1
application parameter for absolute difference between levels	1x1
application parameter for threshold for oil level difference	1x1
Replacement value for Error in EEPROM	1x1
application parameter for distance for plausibility check	1x1
application parameter for threshold for distance traveled	1x1
application parameter for initial value for learned value	1x1
application parameter for lower limit of oil	1x1
application parameter for higher oil level for plausibility check	1x1
application parameter for lower oil level for plausibility check	1x1
application parameter for reset delta oil level	1x1
Substitute value for Oil Level	1x1
application MAP for oil level calculation based on eng speed and oil tempr	9x9
Substitute value for Oil Level in case of faulty sensor	1x1
Threshold value for Oil Level from TOG sensor	1x1
Curve to determine oil level from time of pulse input	15x1
application parameter for higher limit for eng speed hysteresis	1x1
application parameter for lower limit for eng speed hysteresis	1x1
application parameter for threshold for eng speed	1x1
Higher limit of engine speed below which the system is treated to be idle	1x1
Lower limit of engine speed below which the system is treated to be idle	1x1
Lower limit of engine speed above which the system is said to have come out of Idle state	1x1
application parameter for higher limit foreng speed plausibility check	1x1
application parameter for Lower limit for eng speed plausibility check	1x1
Default value for Oil Pressure	1x1
Default value for Oil Pressure	1x1
Transformation curve for Oil pressure	10x1
Structure to hold SRC Thresholds. / Threshold for SRC -Min detection	1x1
Structure to hold SRC Thresholds. / Threshold for SRC -Max detection	1x1
Switch to decide Default value selection	1x1
Default value for Oil Pressure status	1x1
Default value for Oil Pressure status	1x1
status of substitute value for oil level	1x1
Transformation curve for Oil pressure	10x1
Switch to determine initial learnt oil level	1x1
Switch to determine initial learnt oil level	1x1
application parameter for higher temperature limit for coolant tempr Hysteresis	1x1
application parameter for lower temperature limit for coolant tempr Hysteresis	1x1
time for which the Clutch is debounced for idle state	1x1
application parameter for time till the initial conditions are OK	1x1
Time for which terminal 15 shud be ON	1x1
application parameter for time for which the eng speed is within the threshold	1x1
threshold time for which the system is treated idle	1x1
application parameter for time for tempr id referred	1x1
application parameter for plausibility check duration	1x1
application parameter for plausibility check duration	1x1
time for plausibility error for engine speed	1x1
application parameter for plausibility check duration	1x1
time for plausibility error for engine speed	1x1
Debounce for wire break	1x1
application parameter for time for error rercording before ECU goes OFF	1x1
This is SW-CALPRM	1x1
application parameter for higher limit for oil temperature	1x1
application parameter for lower limit for oil temperature	1x1
Substitute value for Oil Temperature in case of faulty sensor	1x1
Curve to determine oil Temperature from time of pulse input	15x1
application parameter for higher limit battery voltage	1x1
application parameter for lower limit battery voltage	1x1
Upper threshold for Battery check Hysteresis	1x1
Lower threshold for Battery check Hysteresis	1x1
Upper threshold for Battery check Hysteresis	1x1
Lower threshold for Battery check Hysteresis	1x1
Threshold for vehicle speed below which the system is treated Idle	1x1
application parameter for vehicle speed for plausibility check	1x1
threshold for detection of big leakage in intake manifold based leakage of throttle blade	1x1
Threshold f. detect. of a leak in the intake manifold	1x1
lower threshold for diagnosis of additive correction	1x1
upper threshold for diagnosis of additive correction	1x1
lower threshold of additive correction	1x1
upper threshold of additive correction	1x1
reduced lower threshold of additive correction	1x1
speed threshold for disable additive correction	1x1
par_0p00463	1x1
pbkvg_w_C	1x1
partial pressure residual gas in chamber minimum	1x1
partial pressure residual gas in chamber maximum	1x1
Threshold for saved initial pressure by engine switching off	1x1
pressure threshold at engine shut off	1x1
System minumum pressure	1x1
Minimum rail pressure for direct start release	1x1
polynomial coefficient dzwol - 1st order in lambda and nmot	1x1
polynomial coefficient dzwol - 1st order in lambda and rl	1x1
polynomial coefficient dzworri - 1st order in rri with nmot	1x1
Max pressure for diagnosis of pressure sensors during startup	1x1
absolute pressure threshold for ekp prerun pressure	1x1
EKP pre-run	1x1
conversion slope for ambient air pressure sensor digital	1x1
upper engine speed limit for comparison PEnv_p - PThrVlvUs_p	1x1
pressure difference at air filter	8x1
conversion offset for ambient air pressure sensor	1x1
substitute value for ambient pressure in case of sensor failure	1x1
Difference tolerance ambient pressure modell by boost pressure maximal	1x1
Difference tolerance ambient pressure modell by boost pressure minimal	1x1
upper limit for continuous check	1x1
upper limit for comparison of ambient pressure from last-/actual driving cycle	1x1
max tolerances of ambient pressure sensor	1x1
upper limit for range check ambient pressure	1x1

upper limit for range check ambient pressure	1x1
lower limit for range check ambient pressure	1x1
lower limit for range check ambient pressure	1x1
Curve determines the max throttle valve position below which no boost pressure is built up.	4x1
Upper throttle angle limit for comparison PEnv_p - PThrVlvUs_p	1x1
Codeword plausibilty diagnosis ambient air pressure sensor	1x1
Code word ambient presure adaptation via pressure sensor at the intake manifold	1x1
time constant for ambient pressure lowpass filter in continuity check	1x1
Debounce time for sensor reset due to plausibility faults	1x1
turn on delay time for enabling PEnv model calculation	1x1
Time delay for zyklus from comparison with boost pressure	1x1
delay for condition ambient pressure signal valid	1x1
Time delay for sensor reset in drive	1x1
time constant for filtering PEnv_p and PEnv_FacCorrAlti	1x1
Time delay for sensor boot up after reset	1x1
Time after end of start at which PEnv_p corresponds to PEnv_p at the start	1x1
Time after end of start at which PEnv_p corresponds to PEnv_p at the start	1x1
decrease/increase in pressure after a peak needed to identify it as a overpressure/vacuum peak	1x1
boundary at which pressure is considered zero in EONV	1x1
threshold for negative offset	1x1
threshold for suspicion positive offset	1x1
PHAACTRINTK_CTL_ATS_ATS.LimitTypeMsk_C	1x1
PHAACTRINTK_CTL_ATS_ATS.CnvNorm_C	1x1
PHAACTRINTK_CTL_ATS_ATS.LowLim_C	1x1
PHAACTRINTK_CTL_ATS_ATS.UpLim_C	1x1
PHAACTRINTK_CTL_ATS_ATS.CnvFac_C	1x1
PHAACTRINTK_CTL_ATS_ATS.CnvOfs_C	1x1
PHAACTRINTK_CTL_ATS_ATS.DfltVal_C	1x1
PHAACTROUTL_CTL_ATS_ATS.LimitTypeMsk_C	1x1
PHAACTROUTL_CTL_ATS_ATS.CnvNorm_C	1x1
PHAACTROUTL_CTL_ATS_ATS.LowLim_C	1x1
PHAACTROUTL_CTL_ATS_ATS.UpLim_C	1x1
PHAACTROUTL_CTL_ATS_ATS.CnvFac_C	1x1
PHAACTROUTL_CTL_ATS_ATS.CnvOfs_C	1x1
PHAACTROUTL_CTL_ATS_ATS.DfltVal_C	1x1
PHAOCVINTKB1_CTL_ATS_ATS.LimitTypeMsk_C	1x1
PHAOCVINTKB1_CTL_ATS_ATS.CnvNorm_C	1x1
PHAOCVINTKB1_CTL_ATS_ATS.LowLim_C	1x1
PHAOCVINTKB1_CTL_ATS_ATS.UpLim_C	1x1
PHAOCVINTKB1_CTL_ATS_ATS.CnvFac_C	1x1
PHAOCVINTKB1_CTL_ATS_ATS.CnvOfs_C	1x1
PHAOCVINTKB1_CTL_ATS_ATS.DfltVal_C	1x1
PHAOCVOUTLB1_CTL_ATS_ATS.LimitTypeMsk_C	1x1
PHAOCVOUTLB1_CTL_ATS_ATS.CnvNorm_C	1x1
PHAOCVOUTLB1_CTL_ATS_ATS.LowLim_C	1x1
PHAOCVOUTLB1_CTL_ATS_ATS.UpLim_C	1x1
PHAOCVOUTLB1_CTL_ATS_ATS.CnvFac_C	1x1
PHAOCVOUTLB1_CTL_ATS_ATS.CnvOfs_C	1x1
PHAOCVOUTLB1_CTL_ATS_ATS.DfltVal_C	1x1
minimal rail pressure for HDP	1x1
physical urgentcy fra high priority	1x1
Physical urgency fra low priority	1x1
Physical urgentcy fra middle priority	1x1
Physical urgentcy high priority	1x1
Physical urgentcy high priority	1x1
Physical urgentcy low priority	1x1
Physical urgentcy middle priority	1x1
factor engine coolant entry - friction	1x1
factor engine coolant entry - combustion	1x1
Moment of inertia of the combustion engine	1x1
delay time after start for start of computation of engine coolant entry	1x1
filter time constant for computation of engine coolant entry	1x1
Filtering time constant for the engine speed used in calculation of moment of inertia	7x1
coding of fuel type without consideration of vehicle configuration	1x1
configurationsswitch of vehicle type	1x1
High pressure threshold to break after start actions after initial fuelling	1x1
High pressure threshold to break initial fuelling	1x1
if PMD_PeriMonEn_C is 0, disable peripheral monitoring. If its 1, enable monitoring	1x1
Potential function pressure ratio at compressor or turbine	8x1
Lower boundary at which pressure is considered essentially zero	1x1
Threshold of control deviation rail pressure control for air charge limitation from fuel supply	1x1
Pressure Deviation Limit for activation of Reduced Current Control	1x1
Pressure threshold for activation of Reduced Current Control	1x1
pressure threshold fault ""full delivery	1x1
Overwrites SY_PRIOHSP at full load.	1x1
Prio. phuhom (urgency operating mode homogeneous) for beginning (clutch adapt.)	1x1
priority operation point demand from canister purge system	1x1
priority operation point demand from canister purge diagnose	1x1
Rail pressure threshold for injection valve high pressure current profile	1x1
Threshold rail pressure for reset of start with high fuel pressure	1x1
max.setpoint-value rail pressure	1x1
Threshold rail pressure for reset of start with high fuel pressure	1x1
max.setpoint-value rail pressure	1x1
max.setpoint-value rail pressure	1x1
threshold for rail pressure to activate limp home mode high rail pressure	1x1
Min. setpoint-value rail pressure	1x1
Minimum rail pressure to hold the MSV closed	1x1
rail pressure offset during fuel cutoff for activation demand control	1x1
minimum value for plausible rail pressure	1x1
minimum pressure to enable pressure hold func.	1x1
pressure threshold for speed stuck check	1x1
pressure threshold for ban of stop	1x1
pressure threshold for msv cont. control during high pressure start	1x1
Threshold Pressure for the Adaptation to end	1x1
Maximum permitted pressure for the protection of pressure limitation valve when controller is disabled	1x1
maximum pressure to enable pressure hold func.	1x1
Maximum fuel pressure for activation of diagnosis start with high fuel pressure	1x1
pressure threshold during error simulation	1x1
Maximum setpoint rail pressure in limp home mode	1x1
Minimum pressure for injections in the compression stroke	1x1
Rail-pressure threshold for injection abort for GDI	1x1

Holdind time for Minimum Torque	1x1
Debounce time to access the AWD failure	1x1
Torque value of Data Curve against the rear wheel speed	5x1
Ramping parameter for incrementing torque	1x1
Limiter maximum value integrator part	1x1
Limiter minimum value integrator part	1x1
Application value setpoint rail-pressure	1x1
Pressure Deviation of the actual pressure for the activation of Reduced Current Control Adaptation.	1x1
Rail pressure setpoint during start	1x1
Code word to activate Cyclic activation of fuel tank low pressure pump during StartStop	1x1
maximum number of preruns of EKP during stop-phase	1x1
max. number of PSP pre-runs without reaching end of start	1x1
max. number of PSP pre-runs in ecu predrive state	1x1
codeword of function PSPCtl_Co	1x1
threshold soak time for enabling PSP-pre-run	1x1
Prolongation time of fuel pump activity after engine stall	1x1
time PSP switched OFF during engine stop phase	1x1
time PSP switched ON during engine stop phase	1x1
max. time for PSP control at initial fuel filling	1x1
max. time for PSP pre-run during ECU-Drive state	1x1
max. time for PSP pre-run during ECU-PreDrive state	1x1
max. time for PSP pre-run during ECU-Drive state	1x1
max. time for PSP pre-run during ECU-PreDrive state	1x1
Time for fast fuel pump activation during start	1x1
PSPDig_ATS.LimitTypeMsk_C	1x1
PSPDig_ATS.CnvNorm_C	1x1
PSPDig_ATS.LowLim_C	1x1
PSPDig_ATS.UpLim_C	1x1
PSPDig_ATS.CnvFac_C	1x1
PSPDig_ATS.CnvOfs_C	1x1
PSPDig_ATS.DfltVal_C	1x1
hysteresis pressure difference for diagnosis CPV	1x1
Minimum pressure difference for diagnosis CPV	1x1
Maximum manifold pressure ratio for performing a check filler cap diagnosis	1x1
enable threshold for the ratio of ps_w/pu_w	1x1
enable threshold for the ratio of ps_w/pu_w	1x1
Ratio pspvdk not reduced	1x1
Structure containing parameters for digital output power stage error handling for pre-supply pump / Time between tests for SCB error	1x1
Structure containing parameters for digital output power stage error handling for pre-supply pump / Time between tests for OT error	1x1
Structure containing parameters for digital output power stage error handling for pre-supply pump / Maximum number of tests allowed on permanent defect	1x1
switch for disabling the diagnosis of the pre supply pump powerstage	1x1
switch for disabling the pre supply pump powerstage	1x1
Min. replacement value for intake manifold pressure	1x1
Max. replacement value for intake manifold pressure	1x1
Lower pressure limit for range check	1x1
Upper pressure limit for range check	1x1
Threshold desired intake manifold pressure for reseting dump valve during gear shift	1x1
Maximum allowed pressure difference venturi tube at check of inlet to intake mainifold	1x1
hysteresis pressure difference eductor pump for diagnosis CPV	1x1
Minimum pressure difference eductor pump for diagnosis CPV	1x1
CW for PT2ME	1x1
Curve to interpolate the current and the desired gear	11x1
adapter parameter time threshold after engine start for evaluation of drive position B_fs	1x1
PTDEV_SETCLUTCH_C	1x1
threshold for band pass filtered rectified pressure for slosh detection	1x1
pressure difference for stabilized tank pressure	1x1
pressure difference for rationality check of pressure sensor	1x1
Minimum Tank Pressurel for incremental check of Pressure Sensor Diagnosis	1x1
Maximum Tank Pressurel for incremental check of Pressure Sensor Diagnosis	1x1
minimum tank pressure threshold for operating range of the gas cap diagnosis	1x1
maximum tank pressure threshold for operating range of the gas cap diagnosis	1x1
minimum pressure threshold for operating range of the tank leak diagnosis	1x1
maximum pressure threshold for operating range of the tank leak diagnosis	1x1
Delta torque for change limitation at withdrawl of IA-release	1x1
Delta torque for change limitation at withdrawl of IA-release	1x1
Delta torque for change limitation at IA-release	1x1
Delta torque for change limitation at IA-release	1x1
Factor for computing torque threshold for transition into overrun fuel cutoff	1x1
Factor for lower hysteresis threshold for fuel cutoff due to monitoring level 1	1x1
Mask to enable torque hysteresis based cylinder fel cut-off release	1x1
Parameter to enable Fuel Cut off consideration form the Gears	1x1
Engine speed threshold for cylinder individual fuel cut-off	1x1
Lower engine speed threshold for the activation of overrun fuel cut-off	1x1
Maximum number of masked cylinders at cylinderindividual fuel cutoff	1x1
Code word for module DMBEG	1x1
Codeword for control of ramp functionality at IA-release	1x1
Codeword to control calculations in %PthSet_OvrRun	1x1
Code word for modul %PthSet_TrqDist	1x1
delay time of the timer PthSet_flgFcoReqflgT_I	1x1
max. allowed duration of IA release after gear shift	1x1
Maximum period of time for phase Restart after overrun cutoff	1x1
Debouncing time for diagnosis entry by monitoring level 1	1x1
Debouncing time for healing of diagnosis entry by monitoring level 1	1x1
Debouncing time for diagnosis entry by monitoring level 1	1x1
Debouncing time for healing of diagnosis entry by monitoring level 1	1x1
Period of time for ignition angle release caused by open powertrain	1x1
used for FCO delay of the selected gear from 2 to 9	8x1
Threshold torque for the release of cylinder fuel cut-off	8x1
Offset to base torque for cylinder fuel cutoff at TCS intervention	1x1
tolerance threshold for finishing IA release after gear shift	1x1
Torque hysteresis for decision of cylinder fuel cutoff	1x1
IARIs Ramp activation threshold	1x1
Engine start enable	1x1
Engine start request	1x1
parameter for Engine stop request of transmission for Manual transmission	1x1
Parameter for Engine stop request of transmission	1x1
Parameter for Stop request from Drive train for manual transmission	1x1
Parameter for Stop request from Drive train	1x1
Parameter for enabling engine start for manual transmission	1x1
Parameter for enabling engine start	1x1
Parameter for engine start request for manual transmission	1x1
Parameter for engine start request	1x1
Active status of start stop request from Gearbox ECU via CAN	1x1

Curve to interpolate the start stop request from Gearbox ECU	10x1
PT_bMaxRngEng_C	1x1
codeword for the configuration of the function PT_Grip	1x1
Analogue value for the state PT_bNoGrip = FALSE and clutch slips, debounced (manual clutch).	1x1
Analogue value for the state PT_bNoGrip = FALSE and clutch slips (manual clutch) or clutch is in a slip state / controlled operation (automated clutch).	1x1
Analogue value for the state PT_bNoGrip = FALSE and converter lockup clutch is almost closed, little slip.	1x1
Analogue value for the state PT_bNoGrip = FALSE and converter lockup clutch is open (converter in slip).	1x1
Analogue value for the state PT_bNoGrip = FALSE and converter lockup clutch is controlled or is in controlled slip operation.	1x1
Analog value for the state where none of the single bit messages is TRUE	1x1
Analog value for the state grip is for sure present (the converter lockup clutch / the automated or manual clutch is completely closed and PT_bNoGrip = FALSE).	1x1
Analog value for the state grip is for sure excluded	1x1
ratio of transition to 1. gear	1x1
ratio of transition to 1. gear	1x1
ratio of transition to 2. gear	1x1
ratio of transition to 2. gear	1x1
ratio of transition to 3. gear	1x1
ratio of transition to 3. gear	1x1
ratio of transition to 4. gear	1x1
ratio of transition to 4. gear	1x1
ratio of transition to 5. gear	1x1
ratio of transition to 5. gear	1x1
ratio of transition to 5. gear	1x1
ratio of transition to 6. gear	1x1
ratio of transition to 6. gear	1x1
ratio of transition to 7. gear	1x1
ratio of transition to 7. gear	1x1
ratio of transition to 8. gear	1x1
ratio of transition to 8. gear	1x1
ratio of transition to 9. gear	1x1
ratio of transition to reverse gear	1x1
Calibration for ratio of low range	1x1
maximum ratio of transmission	1x1
Default value for torque ratio	1x1
Determines if value is read from CAN or not	1x1
Prevention of freeze of powertrain torque ratio.	1x1
Debouncing time for the formation of the state ""clutch slips, debounced"" (manual clutch).	1x1
minimum vehicle speed for grip determination	1x1
Minimum vehicle speed	1x1
backup value for ambient pressur for boost pressure control	1x1
min ambient pressure for EONV diagnostic	1x1
threshold ambient pressur for boost pressure diagnosis	1x1
Pulsation threshold f. overr.recirc.v.diag. f. turbo	1x1
min. ambient pressure for intake manifold pressure diagnosis	1x1
maximum threshold for change of the ambient pressure	1x1
Lower boundary at which vacuum is considered to be building	1x1
Minimum pressure-ratio threshold when pirg-offset adaptation still active	1x1
Maximum pressure-ratio threshold when pirg-offset adaptation still active	1x1
Max. pressure difference of the boost pressures due to the quantization	1x1
backup value for lowest possible pressure upstream of throttle	1x1
backup value for highest possible pressure upstream of throttle	1x1
backup value of basic boost pressure for LDR-diagnosis	1x1
Lower pressure limit for range check	1x1
backup value of basic boost pressure for LDR-diagnosis	1x1
Lower pressure limit for range check	1x1
Upper pressure limit for range check	1x1
absolute maximum boost pressure and manifold pressure respectively	1x1
Maximal admissable boost pressure	1x1
min. threshold of pressure ratio for fupsrl-adaption	1x1
max. threshold of pressure ratio for fupsrl-adaption	1x1
Replacement value pressure upstream compressor	1x1
Pwmout_idxVehVOP_C	1x1
percentage frequency of ignition angle output by KC during dyn. adaption	1x1
Quick Shut down feature enable when set to 1	1x1
Number of synchros to reset counters	1x1
hysteresis of reduction step at bigger desired red. step than actual value	1x1
hysteresis of reduction step at bigger desired red. step than actual value during ESP-intervention	1x1
hysteresis of reduction step at bigger desired red. step than actual value during gear shift	1x1
hysteresis of reduction step at smaller desired red. step than actual value	1x1
hysteresis of reduction step at smaller desired red. step than actual value during ESP-intervention	1x1
hysteresis of reduction step at smaller desired red. step than actual value during gear shift	1x1
maximum reduction step for gear shift	1x1
maximal step number for MSV off	1x1
maximal step number for MSV off	1x1
threshold between ignition intervention and injector disabling	5x1
threshold between ignition intervention and injector disabling, ESP-intervention	5x1
threshold between ignition intervention and injector disabling, gear shift-intervention	5x1
threshold between ignition intervention and injector disabling, emerg. mode	5x1
Reset Reset_FIMRErrBuf	1x1
Label for reseting the Reset_xHistBuf	1x1
Reset Reset_TrapErrIntrBuf	1x1
Reset Group	1x1
Trigger Reset-ID	1x1
Reset integrated Mass flow depending on Altitude	1x1
Reset integrated Mass flow depending Canister load	1x1
part of internal inertgas, which is not scavenged	6x1
part of internal inertgas, which is not scavenged for outlet valve lift switch	6x1
Additive factor, relative fuel mass for application	1x1
max. permissible value of additve air-fuel-adaption at monitoring function	1x1
application value for rk	1x1
Parameter for rkhp2zk1_w in calibration mode	1x1
relative fuel mass for the 2nd compression injection in calibration mode	1x1
Min. required fuel mass for plausibility check of high-pressure-system	1x1
hysteresis of threshold relative fuel mass MSV light-load-control	1x1
threshold relative fuel mass MSV light-load-control	1x1
hysteresis of threshold relative fuel mass MSV two-point-control	1x1
Offset tolerance value of the function monitoring	1x1
Maximum of reference level (normalized) for knock detection threshold cylinder group 1	13x1
maximum of reference level (normalized) for knock detection threshold cylinder group 2	13x1
offset for check of minimal rkte from purge control in function monitoring	1x1
fuel mass threshold for stuck check	1x1
max. tolerance of injection time calculated from relative fuel mass	1x1
substitute value for direct start charge	1x1

Minimum air charge for priority DTEV	1x1
Minumum threshold of load for 2nd discharge point	1x1
Maximum air charge for priority DTEV	1x1
Maximum threshold of load for 2nd discharge point	1x1
Minimum relative air charge for CPV pressure check	1x1
Maximum rl for release of DTEVP	1x1
Maximum air charge for priority DTEV air check	1x1
Threshold (dependent on load) to the change-over the filter time constant base-ignition angle efficiency	1x1
Delta engine load for hysteresis choice of injection mode	1x1
Minimum air charge for request of hom.split injection for cat. heating	1x1
characteristic minimum charge	12x1
characteristic minimum charge in overrun	12x1
characteristic minimum charge in overrun, requested for measurement of Transition Time of O2Sensor post catalyst	12x1
characteristic minimum charge, requested for measurement of Transition Time of O2Sensor post catalyst	12x1
load threshold for function DHDEVO	1x1
max. allowed charge in case of open clamping HPIV	1x1
limp-home relative air charge rl in case of E_DK and E_LM	6x1
Threshold deviation relative air charge CPV pressure check	1x1
Offset tolerance value of the function monitoring	1x1
desired relative air charge (application mode)	1x1
rlsol-demand by characteristic line for application	6x1
min threshold of air charge to release the canister at the idle speed	1x1
max. threshold deviation relative air charge to request desired torque for diagnosis CPV	1x1
min. relative air charge to request desired torque for diagnosis CPV	1x1
max. relative air charge to request desired torque for diagnosis CPV	1x1
Difference of load with stored value to determine the similar conditions window	1x1
state powertrain for torque adaption	1x1
ramp step for RngMod_facEtaWoIntv	1x1
ramp step for RngMod_facTrqOptWoIntv	1x1
interpolation factor base torque depending on engine speed	6x1
interpolation factor base torque depending on transmission ratio	7x1
Speed threshold for adaption-stop	1x1
requested operating conditions: max. engine speed for torque adaption	1x1
requested operating conditions: min. engine speed for torque adaption	1x1
throttle value threshold for torque adaption	1x1
priority of requested operating point for torque adaption	5x1
minimum engine temperature for loss torque adaption	1x1
threshold for quality information of torque adaption	1x1
time for demand torque-adaption	1x1
Offset for activation time of torque adaption request	1x1
Offset for time delay of release torque adaption	1x1
debounce for adaption release	1x1
time constant for filtered torque adaption	1x1
time constant for filtered torque adaption	1x1
Codeword to control the calculation in RngMod_TrqBsMod	1x1
default valur for nv - values of torque adaption	1x1
limit of torque range for electr. engine while torque adaptation	1x1
Codeword torque adaption	1x1
upper limit for torque adaption	1x1
lower limit for torque adaption	1x1
requested operating conditions: max. torque for torque adaptation	1x1
lower limit for torque adaption	1x1
requested operating conditions: max. torque for torque adaptation	1x1
requested operating conditions: min. torque for torque adaptation	1x1
permitted offset for adapted torque per adaption period	1x1
threshold for quality information of torque adaption	1x1
Speed threshold for reactivate the adaption	1x1
Speed threshold for demand adaption	1x1
Relative charge threshold for priority of requested operating conditions for additive fuel mixture adaptation	1x1
Relative charge hysteresis for priority of requested operating conditions for additive fuel mixture adaptation	1x1
Oxygen storage rate during stop time	1x1
Rtmo_adCalling_u32	1x1
Rtmo_adData_u32	1x1
Rtmo_stSampleTime_u8	1x1
Rtmo_swLoadMode_u8	1x1
Rtmo_swMode_u8	1x1
Rtmo_tiIntOverhead_Tick	1x1
Rtmo_tiOverhead_Tick	1x1
Startvalue fade in adaption psrr_w	1x1
Startvalue fade in adaption pvdr_w	1x1
gear dependent delay time switch	11x1
Address of measured variable (default)	25x1
Bit MASK of measured variable (default)	25x1
Start of measured interval (default)	25x1
Width of measured interval (default)	25x1
Save time interval for measured variable (default)	25x1
Save type for measured variable (default)	25x1
Bit MASK of trigger variable 1 (default)	25x1
Bit MASK of trigger variable 2 (default)	25x1
Delay after trigger 1 (default)	25x1
Delay after trigger 2 (default)	25x1
Operator of trigger variable 1 (default)	25x1
Operator of trigger variable 2 (default)	25x1
Type of variable to measure (default)	25x1
Trigger activation and mode control (default)	25x1
Type of trigger variable 1 (default)	25x1
Type of trigger variable 2 (default)	25x1
Address of trigger variable 1 (default)	25x1
Address of trigger variable 2 (default)	25x1
Reference value for trigger variable 1 (default)	25x1
Reference value for trigger variable 2 (default)	25x1
Threshold to reset stability of ora in case of change frai	1x1
Threshold to reset stability of ora in case of change frai after reset of adaptation values	1x1
threshold minimum error HDRKH	1x1
threshold maximum error HDRKH	1x1
threshold minimum error HDR	1x1
threshold maximum error HDR	1x1
threshold minimum failure HDR plausibel	1x1
threshold maximum failure HDR plausibel	1x1
Engine speed threshold to deactivate the torque reserve from isc	1x1
lower threshold of driving distance from refueling to supposed rough leak	1x1

lower threshold of driving distance from refueling to supposed rough leak	1x1
Threshold to reset stability of fra in case of change ora	1x1
Threshold to reset stability of fra in case of change ora after reset of adaptation values	1x1
min. threshold for pressure difference in intake manifold	1x1
min. threshold for pressure difference for venturi tube	1x1
Security code Calibration for TYPE4	1x1
Security code Calibration for TYPE3	1x1
Security Coefficient1 for TYPE1	1x1
Security Coefficient2 for TYPE1	1x1
Security Coefficient3 for TYPE1	1x1
knock sensors for sw-cylinder counter 0-7	4x1
knock sensors for sw-cylinder counter 0-7	4x1
knock sensors for sw-cylinder counter 0-7	4x1
required minimum distance for EONV start by tester	1x1
threshold of canister load factor for EONV abortion	1x1
threshold of canister load factor for reset EONV abortion	1x1
threshold value tmot for fuel-off adaptation activ	1x1
threshold value tmot for fuel-on adaptation activ	1x1
max. threshold of HC-charge for allowed leak diagnose (0.5mm check)	1x1
max. threshold of HC-charge for allowed leak diagnose (1.0mm check)	1x1
upper threshold of HC-charge for allowed leak diagnose (0.5mm check)	1x1
max. threshold of HC-charge for allowed leak diagnose (1.0mm check)	1x1
upper threshold of HC-charge for allowed leak diagnose (0.5mm check)	1x1
upper threshold of HC-charge for allowed leak diagnose (1.0mm check)	1x1
Sum Fault DKVS	5x1
Sum Fault pressure sensor upstream throttle	3x1
Sum Fault DSS	3x1
SF_DST	5x1
Sum Fault ambient pressure sensor (DSU)	3x1
Sum Fault Fuel Level	4x1
Inputs for sum of MAF-Sensor faults DFP_HFM	5x1
Inputs for sum of MAF-Sensor faults DFP_HFME	3x1
Inputs for sum of Loas sensor faults DFP_LM	4x1
Summary error Camshaft shifting	4x1
Summary error Camshaft shifting outlet	4x1
Summary error Camshaft shifting inlet	4x1
Sum Fault PSR	3x1
Sum Fault PSR 1st bank	6x1
Sum Fault PU	5x1
Sum Fault PVD	3x1
Sum Fault PVD1	5x1
sum fault SUV	4x1
sum error DFP-TM [engine coolant temperature sensor]	5x1
Sum Fault TUM	7x1
plausibility check faults of the ambient temperature sensor	3x1
To enable or disable the Gen6 functionality.	1x1
Immobilizer Code Byte 1 to be stored in EEPROM	1x1
Immobilizer Code Byte 2 to be stored in EEPROM	1x1
Immobilizer Code Byte 3 to be stored in EEPROM	1x1
Used to give direct Exc value without ICU.	1x1
To give direct Exd value without ICU.	1x1
Immobilizer fAR key calculation parameter	1x1
Switch to store Calibration data in to EEPROM	1x1
Immobilizer fAR key calculation parameter	1x1
Switch to store Calibration data in to EEPROM	1x1
To enable or disable direct Excode writing in Gen6.	1x1
Immobiliser switch to determine whether to use previous learnt value of ignition status	1x1
Switch to select type of immobilizer system	1x1
Max Timer to check the Excode Registration process in Gen6.	1x1
Timer to determine the maximum time for communication between Immobilizer and ECU	1x1
SIGNALS_COMPU_Dist_mm_signal_CS.Fac_C	1x1
SIGNALS_COMPU_Dist_mm_signal_CS.Norm_C	1x1
SIGNALS_COMPU_Dist_mm_signal_CS.Ofs_C	1x1
SIGNALS_COMPU_hPa_to_kPa_diag_CS.Fac_C	1x1
SIGNALS_COMPU_hPa_to_kPa_diag_CS.Norm_C	1x1
SIGNALS_COMPU_hPa_to_kPa_diag_CS.Ofs_C	1x1
Signals_Mode1Pid_CA	74x1
Signals_Mode1SigNum_CA	74x1
Signals_stSrv01SuppPid_CA	74x1
Low pass time constant for measured variable (default)	25x1
definition of upper and lower nmot limits for fsrst adaptation	2x1
min. threshold SOC to request desired torque for diagnosis CPV	1x1
state of charge modes to request desired torque for diagnosis CPV	1x1
span of equally distributed spaces between misfires	1x1
maximal allowed deviation of xs values for a valif sample	1x1
maximal allowed deviation of xs values for a valif sample during catalyst heating	1x1
step width of the ramp for accessory compensation during idling when ramping downwards	1x1
Step width of the ramp for accessory compensation during idling with closed power train	1x1
Step width of the ramp for accessory compensation during idling with open power train	1x1
compensation factor during idling	9x1
Time after end of engine start for the suppression of the P-part in SpdGov_trqFlt during poststart	1x1
time constant for filtered engine speed control torque	1x1
threshold for speed maximum to activate blocking condition ASC control	1x1
threshold over ambient pressure for desired boost pressure, for reaching the boost pressure actuator as to be controlled	1x1
square root from ratio ambient temperature to standard temperature	7x1
Square root	7x1
Square root for exhaust gas temperature before turbine	8x1
square root from ratio ambient temperature to standard temperature	7x1
Switch debounce structure for SrvCSwt / Time for a High to Low transition	1x1
Switch debounce structure for SrvCSwt / Time for a Low to High transition	1x1
First engine start selection parameter for display	1x1
Mask for EPS and brake booster request	1x1
calibration to mask the stop Release Display message	1x1
Calibration value for start stop activation	1x1
Calibration to bypass AC condition for mode12h	1x1
Calibration to disable L range	1x1
CAlibration switch to disable MID	1x1
Calibration for the selection of Snow mode	1x1
Calibration for AC delay 120s	1x1
Calibration for AC delay 6s	1x1
Delay for start request by reduction of brake negative pressure.	1x1
Reset value for the IG2 mask during engine cranking.	1x1
Delay time for checking clutch display information conditions	1x1

Calibration threshold for pre indication delay	1x1
Display time duration for MID	1x1
Delay after seat belt unlathc and before clutch press indication on MID	1x1
Delay before the display change to neutral gear	1x1
Delay after In Gear and Before clutch press indication on MID	1x1
Initial bulb check delay	1x1
Time delay to check Idle stop release conditions once trigger conditions are available for AT or CVT	1x1
Time delay to check Idle stop release conditions once trigger conditions are available	1x1
definiton which soft disables by exhast relevant actions are disabeling static scavenging	1x1
definiton which soft disables by camshaft control are disabeling static scavenging	1x1
min. threshold of state DOR-diagnosis for enabling stuck check of TKA-sensor	1x1
max. threshold of state DOR-diagnosis for enabling stuck check of TKA-sensor	1x1
Minimal number of start injections in case of change of mind.	1x1
number of synchros for adaptation stop during engine start	1x1
hysteresis for start and stop of HSP-mode dependent on rl	1x1
Number of fault starts before the starter cut off is changed	1x1
engine-speed threshold for detection of active starter	1x1
idle starter engine speed	1x1
maximum speed for starter release	1x1
engine-speed threshold for starter cut off	3x6
StrtCtl_stEngRunRefPhdRstCnd1_C	1x1
bit mask fault start after starter cut off through speed limit	1x1
Calibration to select Neutral Position Check for Bit13 of Strater Release Conditions	1x1
Code word for starter control	1x1
Mask for release conditions for starter control	1x1
bit mask for starter release at start-stop	1x1
state of synchronization for analyse engine rotation at starter control	1x1
bit mask fault start after starter cut off through time limit	1x1
codeword to activate the check of transmission, break	1x1
Delay time before delete start request	1x1
debounce time for starter cut off via car speed	1x1
Maximum time for comfort at idle stop for start cut off	1x1
Debounce time for maximum speed for starter release	1x1
debounce time for zero rpm detection	1x1
time of start request to detect a ""urgent start request	1x1
Maximum starter operation time in case of push button start (comfort)	5x1
debounce time for detection starter rpm	1x1
maximum starter operation time for comfort	3x1
maximum delay of starter control	1x1
minimum delay of starter control	1x1
minimum time between two starter activations	1x1
Minimum starter operation time at bypassing the time threshold	1x1
maximum starter operation time at panic start	3x3
maximum time for output start order (try to control the starter)	1x1
maximum starter operation time at starter-idle to limit the power consumption	1x1
maximum starter operation time to limit the power consumption	3x1
Debounce time for validation of start request	1x1
Delay timer for start release	1x1
maximum time for memorize start order at start stop (try to control the starter)	1x1
Battery voltage threshold for auto cranking mode.	1x1
car-speed threshold for starter cut off	1x1
Replacement value for the EEPROM element storing Short interval counter less than 4min	1x1
Replacement value for EEPROM element storing Short interval counter less than 30s	1x1
Application parameter for the number of phase transmitter edges	1x1
Threshold engine speed for starter lock judgment 1	1x1
Threshold engine speed for starter lock judgment 2	1x1
Calibration for software switch reset counter	1x1
Calibration to select the configuration of the starter activity detection	1x1
Threshold value for Short Interval counter less than 4min between 3rd and 4th successive crankings	1x1
Timer to check for the immobilizer lock status	1x1
The time period after which the starter lock judgment based on camshaft edge count should be evaluated	1x1
The time period after which the starter lock judgment based on engine speed should be evaluated	1x1
Threshold value for the Short Interval timer less than 30s after 10s cranking	1x1
Threshold value for 10s cranking	1x1
Application parameter for the duration of the diagnosis of the turn off paths	1x1
High Threshold value for starter cutoff diagnosis	1x1
Low Threshold value for starter cutoff diagnosis	1x1
High threshold value for starter diagnosis	1x1
Low threshold value for starter diagnosis	1x1
Voltage threshold to enable the diagnosis of the starter module	1x1
Minimum battery voltage to check a correct start activity	1x1
Switch debounce structure for StSpSwt / Time for a High to Low transition	1x1
Switch debounce structure for StSpSwt / Time for a Low to High transition	1x1
Switch to select between signal from CAN or DIO	1x1
Maximum Engine speed limit when the vehicle is in Gear 1	1x1
Minimum Engine speed limit when the vehicle is in Gear 1	1x1
Maximum Engine speed limit when the vehicle is in Gear 2	1x1
Minimum Engine speed limit when the vehicle is in Gear 2	1x1
Maximum Engine speed limit when the vehicle is in Gear 3	1x1
Minimum Engine speed limit when the vehicle is in Gear 3	1x1
Maximum Engine speed limit when the vehicle is in Gear 4	1x1
Minimum Engine speed limit when the vehicle is in Gear 4	1x1
Maximum Engine speed limit when the vehicle is in Gear 5	1x1
Minimum Engine speed limit when the vehicle is in Gear 5	1x1
Maximum Engine speed limit when the vehicle is in Gear 6	1x1
Minimum Engine speed limit when the vehicle is in Gear 6	1x1
Maximum Engine speed limit when the vehicle is in Gear 7	1x1
Minimum Engine speed limit when the vehicle is in Gear 7	1x1
Maximum Engine speed limit when the vehicle is in Gear 8	1x1
Minimum Engine speed limit when the vehicle is in Gear 8	1x1
Maximum Engine speed limit when the vehicle is in Gear 9	1x1
Minimum Engine speed limit when the vehicle is in Gear 9	1x1
Maximum Engine speed limit when the vehicle is in Gear IDLE	1x1
Minimum Engine speed limit when the vehicle is in Gear IDLE	1x1
Maximum Engine speed limit when the vehicle is in ReverseGear	1x1
Minimum Engine speed limit when the vehicle is in ReverseGear	1x1
Curve to get maximum engine speed for torque shutoff	16x1
Curve to get minimum engine speed for torque shutoff	16x1
Engine speed threshold for disabling torque shut off	1x1

Calibration for mask value of change of mind status	1x1
Calibration for mask value of starting torque shut off status	1x1
Select switch to know starter working on kinds of starter system	1x1
Coolant temperature Threshold high for torque shutoff	1x1
Coolant temperature Threshold low for torque shutoff	1x1
start system PT1 filter 1	1x1
start system PT1 filter 2	1x1
Time limit to disable Shutoff when vehicle is in Gear 1	1x1
Time limit to enable shutoff when the vehicle is in Gear 1	1x1
Time limit to disable Shutoff when vehicle is in Gear 2	1x1
Time limit to enable shutoff when the vehicle is in Gear 2	1x1
Time limit to disable Shutoff when vehicle is in Gear 3	1x1
Time limit to enable shutoff when the vehicle is in Gear 3	1x1
Time limit to disable Shutoff when vehicle is in Gear 4	1x1
Time limit to enable shutoff when the vehicle is in Gear 4	1x1
Time limit to disable Shutoff when vehicle is in Gear 5	1x1
Time limit to enable shutoff when the vehicle is in Gear 5	1x1
Time limit to disable Shutoff when vehicle is in Gear 6	1x1
Time limit to enable shutoff when the vehicle is in Gear 6	1x1
Time limit to disable Shutoff when gear is in 7	1x1
Time limit to enable shutoff when the vehicle is in Gear 7	1x1
Time limit to disable Shutoff when gear is in 7	1x1
Time limit to enable shutoff when the vehicle is in Gear 7	1x1
Time limit to disable Shutoff when gear is in 8	1x1
Time limit to enable shutoff when the vehicle is in Gear 8	1x1
Time limit to disable Shutoff when gear is in 9	1x1
Time limit to enable shutoff when the vehicle is in Gear 9	1x1
Time limit to disable shutoff when the vehicle is in Gear IDLE	1x1
Time limit to enable shutoff when the vehicle is in Gear IDLE	1x1
Time limit to disable Shutoff when the vehicle is in Reverse Gear	1x1
Time limit to enable shutoff when the vehicle is in Reverse Gear	1x1
Curve A to get the time for starter operation	16x1
Curve B to get the wait time after the starter is stopped	16x1
Delay time for torque shut off during change of mind	16x1
Curve C to get the time period for which the engine speed is checked for the limits	16x1
Calibration for Precondition for stop-start approved by VSA	1x1
Calibration for Transition condition for stop-start approved by VSA	1x1
temperature threshold at which the temperature inside the catalyst is considered for calculation of allowed engine lambda	1x1
Threshold Pressure Deviation for the activation of Reduced Current Control Adaptation.	1x1
Calibration for Statuswort für DOR-Diagnose aus dem BMW-Teil	1x1
threshold selection computation model (model oil temperature in sump)	1x1
threshold selection computation model (model oil temperature in sump)	1x1
Control of the test mode of system control	1x1
Switch/codeword to activate the test mode of system control	1x1
Diagnosis time for stop counter	1x1
Maximum time in PostDrive state with rpm equal zero	1x1
Minimum time in PostDrive state with rpm equal zero	1x1
Reserved time within SyC_tiPostDrvMax_C for DSM and EEP activities at the end of PostDrive	1x1
Maximum time to prolong the PreDrive	1x1
Reserved time within SyC_tiPreDrvMax_C for DSM and EEP activities in PreDrive	1x1
mode of synchronization to enable injection	1x1
mode of synchronization to enable injection for direct start	1x1
mode of synchronization to enable injection for high pressure start	1x1
mode of synchronization to enable injection for direct start	1x1
mode of synchronization to enable injection for high pressure start	1x1
codeword for bisection of all statistical counters of all classes of a measure, when a statistical counter of this measure overflows	1x1
engine speed threshold	1x1
Maximum vehicle speed threshold	1x1
Minimum vehicle speed threshold	1x1
switching level 1 of afterstart enrichment for HSP	12x1
switching level 2 of afterstart enrichment for HSP	12x1
switching level 1 of afterstart enrichment	12x1
switching level 2 of afterstart enrichment	12x1
Debounce time terminal15-signal from high to low	1x1
Debounce time terminal15-signal from low to high	1x1
T50- signal available at CAN	1x1
debounce Time for a High to Low transition	1x1
debounce Time for a Low to High transition	1x1
T50 debounce time in case of signal via CAN	1x1
Delay time for the diagnosis	1x1
Minimum battery voltage for the diagnosis	1x1
Allowed engine stop time for direct start	1x1
maximum stop time till there a evaluation of catalyst temperature for catalyst heating is possible	1x1
intake air temperature threshold for ISC-actuator diagnosis	1x1
Delta for factor of air mass flow by throttle valve and by main charge sensor steady state condition	1x1
delay time for condition adaption fkpvdk in steady-state	1x1
time delay for condition adaptation fupsrl stationary	1x1
Time constant for torque limitation regulation	1x1
tans threshold for increased target speed at hot idling	1x1
Lower threshold exhaust gas temperature for boost pressure control	1x1
maximum time for max error simulation	1x1
maximum time for min error simulation	1x1
threshold difference intake air temperature for hot start	8x1
intake air temperature - threshold warm	1x1
minimum fuel level decrease for refuelling diagnostic	1x1
minimum fuel in for refuelling diagnostic	1x1
maximum of possible existent fuel volume in complete tank system	1x1
maximum physical possible fuel level in main tank	1x1
substitute value air temperature in case of fault	1x1
Threshold for tans to recognize a hot idle speed	1x1
minimum intake temperature for release of catalyst heating	1x1
Time constant for determining leakage air adaptation throttle valve steady	1x1
ab der pslm-psdss für Setzen von E/Z_lzsr ausgewertet wird	1x1
temperature threshold intake air	1x1
threshold intake air temp.for trigg.of TLRHS-blocking time LC during hot start	1x1
replacement value intake air temperatur, in manifold	1x1
substitude value for modelled intake manifold temperature	1x1
Maximum PCV duty cycle for pulsed PCV activation	1x1
tans-threshold for canister purge control with B_ll = 1	1x1
characteristic line of the PCV, duty-cycle depending on mass-flow	10x1
intake air temperature threshold to enable tip-in function	1x1
temperature limit for changeable ambient conditions before start	1x1
substitude value for temperature upstream throttle	1x1

min. temperature of offset-addition to DK-map (if nmot=0)	1x1
Maximum time for 1st phase of operating mode switch	1x1
Maximum time for 2nd phase of operating mode switch	4x1
Maximum time for 3rd phase of operating mode switch	1x1
Duration for fuel enrichment at pre-ignition	6x1
debounce time for B_engrot	1x1
Duration for camshaft adjustment at per-ignition	6x1
Time with offset adaption for IUMPR calculation	1x1
The minimum time to wait between Phase 1 and Phase 2	1x1
delay time break (let off) for leak in the manifold	1x1
Duration for air charge reduction at pre-ignition	6x1
delay time break (step on) for leak in the manifold	1x1
Min. coolant temperarure to be sure that the engine has warmed up	1x1
Timer for decrement the counter ctrvelbt	1x1
Timer for decrement the counter for camshaft adjustment demand	1x1
Timer for decrement the counter ctrverl	1x1
Timer for decrement the counter ctrverll	1x1
Delay enable adjustment after cranking	1x1
delay of B_apbrint	1x1
Delay time for enabling desired boost pressure filter for release of I part	2x1
time-interval for blockheater-detection in %DOTMCS	1x1
debounce time air-mass meter voltage supply	1x1
debounce time for closing of dump valve	1x1
Turn-on delay for specific enrichment at high load and low gear (steep slope climbing)	1x1
Hold-time for KFLBTSLG to avoid enleanment at short reduction of air charge rl (gearshift)	1x1
time threshold for enabling of check filler cap diagnosis	1x1
Duration of warning lamp if filler cap is open	1x1
Minimum time of standing vehicle if filler cap is open	1x1
Distortion time for outlet cam control diagnosis enable in end positions	1x1
turn-on delay: deacitvation speed tracking	1x1
Distortion time for outlet cam control diagnosis enable in end positions	1x1
time delay for release of diagnosis for monitoring of degradation engine efficiency during catalyst heating in due of cold start	1x1
delay time error detection DHDEVO	1x1
Delay time to get compare value of rail pressure	1x1
Delay time to get compare value of rail pressure during postdrive	1x1
minimal time between two deactivations of MAF to be considered in the time TDHFMPRNGX	1x1
Time within diagnosis is valid	1x1
time for low pass filter from boost pressure deviation	1x1
time constant for filter torque reserve	3x1
time constant for detection of refueling process	1x1
dechatter time for manifold pressure sensor fault recognization	1x1
debouncing time for AAV-opening at tank pressure sensor	1x1
Debounce time for check of tank pressure sensor for drift	1x1
Debounce time to account refueling to check tank pressure sensor drift	1x1
time or enalbe of tank pressure sensor check (plaus and drift)	1x1
Time for plaus error for tank pressure sensor	1x1
debouncing time for fault detection tank pressure sensor (rationality check)	1x1
debouncing time for fault detection tank pressure sensor	1x1
Turn on delay diagnosis dump valve	1x1
Time delay after %DTEV for enabling of throttle adaption	1x1
Delay time for pressure sensor upstream throttle valve fault healing (SignalRangeCheck)	1x1
Time delay after %DTEV for enabling of throttle adaption	1x1
Delay time for pressure sensor upstream throttle valve fault healing (SignalRangeCheck)	1x1
Delay time for pressure sensor upstream throttle valve min fault recognition (SignalRangeCheck)	1x1
Delay time for pressure sensor upstream throttle valve max fault recognition (SignalRangeCheck)	1x1
debounce time for plausibility fault detection air-mass meter	1x1
debounce time for signal fault detection air-mass meter	1x1
delay time EKP-pre run	1x1
delay time EKP-pre run in predrive	1x1
Time-interval for engine start failure detection in DOTMCS	1x1
Delay after engine start	1x1
time delay for release of engine stop when operational readiness of oxygen sensors is reached	1x1
time delay for release of engine stop when dew-point is reached	1x1
Time delay for range diagnosis manifold pressure	1x1
Time delay for plausibility diagnosis manifold pressure	1x1
Default temperature value for PID67 signal Tester	1x1
minimum time pressure sensor based charge determination active for ORA-switching	1x1
time delay for enabling of adaption of the suction pipe model	1x1
Debounce time for enable save of factor difference distance measured manifold pressure to modeled diagnosis threshold	1x1
time delay for initialize of the adjustments with neutral values	1x1
Debounce time for enabling I-part boost pressure control	1x1
Debounce time enabling boost pressure control in case of short invalidity pressure sensors	1x1
virtual small leak (0.04 "") diagnosis time during idle and stand still for readiness override with extreme conditions	1x1
min. stabalization time of dfrm lowpass after INIT	1x1
monitoring duration sufficient for dfrm	1x1
debounce time for fast uptdate fuel level after refueling	1x1
time constant fuel level LP for HP	1x1
debounce time for error path big leak to manifold	1x1
Delay time for B_trigcomp	1x1
Time constant healing debounce E_HDR	1x1
Time constant healing debounce E_HDRKH	1x1
Time constant fault debounce min-error HDRKH	1x1
Time constant fault debounce max-error HDRKH	1x1
Time constant fault debounce min-error HDR	1x1
Debouncing time min-error HDR when tank level is low	1x1
Time constant fault debounce max-error HDR	1x1
Time constant healing debounce E_hdrpl	1x1
Time constant fault debounce min-error HDRPL	1x1
Time constant fault debounce max-error HDRPL	1x1
Debouncing time max-error HDRPL when tank level is low	1x1
Debounce time for resetting of B_ehfmfe	1x1
Debounce no rotation	1x1
Debounce time after dump valve closes for that HFM pulsation filtering is not activ	1x1
max. time to disable MAF for air charge determination, because of pumping or back flow through dump valve	1x1
time to wait till engine cooling is completed	1x1
The elapsed time allowed to execute the EONV Diagnostic	1x1
The elapsed time allowed to execute the EONV Diagnostic	1x1
The elapsed time allowed to execute the EONV Diagnostic	1x1
Delay time till initialisation of ambient pressure value with measured intake manifold Pressure	1x1
max. temperature-difference for EONV diagnosis	1x1
Mimimal absolute difference (tans - tmst) for detection of repeated cranking	1x1

virtual smallest leak (0.02 "") diagnosis time during idle and stand still for readiness override with extreme conditions	1x1
max. time for activating scavenging	1x1
Time for transient of lambda from ignited overrun to release of fuel cut-off	1x1
time constant low pass filter for filtered boost control deviation	1x1
Debounce time pressure validity (or validities) for charge reduction through boost pressure control	1x1
Time delay for possible error detection during catalyst heating.	1x1
Time delay for setting the condition diagnosis of ISC-actuator	1x1
Time delay before storing error of closed ISC-actuator	1x1
Time delay before storing error of closed ISC-actuator during catalyst heating	1x1
Time delay before storing the error ISC-actuator open	1x1
Time delay before storing the error ISC-actuator open during catalyst heating	1x1
Time delay before storing ISC-actuator with no error	1x1
Time delay before storing ISC-actuator with no error during catalyst heating	1x1
Filter constant for the PT1 element in order to enable the gradient based error detection	1x1
Time delay for possible error detection.	1x1
Time delay before storing non-plausible idling engine speed error	1x1
debounce time for error path leak to manifold	1x1
LP timeconstant for filtering the FRA adaptation point	1x1
LP timeconstant for filtering the ORA adaptation point	1x1
Delay time for setting the bit B_hfm	1x1
debounce time fault detection air-mass meter during start	1x1
Hold time for the increased torque reserve after rear window heating request.	1x1
Inhibition time for the increased torque reserve after engine start	1x1
Hold time for increased torque reserve after battery voltage drop	1x1
TDMSTEDTE	1x1
Delay Time for the RECUR adaptation to begin	1x1
time delay mode change rl-stationary	1x1
time delay mode change rl-stationary at dynamic driver demand	1x1
debouncing time for activating limp home with high rail pressures	1x1
Delay after nmot_w > NMINSTAT	1x1
delay time engine cutoff at fault ""full delivery	1x1
time point for diagnosis %DOTMCS	1x1
OTM-Diagnosis: debounce time for engine status	1x1
debounce time for pressure sensor alignment after Kl15 off	1x1
debounce time for detection of pumping and back flow through dump valve (turn off time)	1x1
Turn off delay time of rail pressure setpoint limitation at engine speed limiter	1x1
time constant for low pass fil. of difference bet. mod. and meas. man. pres.	1x1
Time constant for delay of electric valid manifold pressure sensor	1x1
reset time during changes of the ambient pressure	1x1
Delay desired boost pressure (for dynamic boost pressure reproach)	1x1
Filter time constant for filtering derivative desired boost pressure	1x1
Time constant for delay of electric valid pressure sensor upstream throttle	1x1
Debouncing time for air charge limitation due to low pressure fuel pump	1x1
Debouncing time for air charge limitation due to high pressure pump	1x1
Debounce time for steady state condition of delta of rl and rlp	1x1
Time delay after Bit B_sa for enabling of throttle adaption	1x1
Time delay after Bit B_sa for enabling B_ofmsndkp	1x1
Inhibition time for increased torque reserve after rear window heating request.	1x1
Debounce time reset dump valve after gear shift	1x1
Debounce time for the opening of the air recirculation valve	1x1
Debounce time for the closing of the air recirculation valve	1x1
Debounce time for the opening of the air recirculation valve	1x1
Debounce time for the closing of the air recirculation valve	1x1
delay DTEV for enable adaptation pslm-pdss	1x1
Waiting time release diagnosis after break	1x1
Waiting time release diagnosis after break	1x1
Waiting time release diagnosis after break for demand of tev-check via tester	1x1
time out for detection of tight purge system	1x1
time constant quotient pressure for diagnosis CPV	1x1
time constant quotient pressure eductor pump for diagnosis CPV	1x1
Time constant for LP psspdtef_w	1x1
virtual CPV diagnosis time during idle and stand still for readiness override with extreme conditions	1x1
maximum duration of vacuum decay (0.5-mm-check)	1x1
Time constant delta temperature of inlet valve to engine temperature after start	6x1
Debounce time error healing cooler output error TKAE	1x1
Debouncing time Error detection Radiator output error TKARmin	1x1
Debouncing time Error detection Radiator output error TKARmax	1x1
Debounce time error healing Radiator output error TKAR	1x1
Debouncing time error detection Radiator output error TKARmax	1x1
Debounce time for SRC healing of radiator-outlet temperature	1x1
Debounce time for SRC minimum error detection of radiator-outlet temperature	1x1
Debounce time for SRC maximum error detection of radiator-outlet temperature	1x1
delay time for information fuel level valid in driving distance debouncing EONV	1x1
time window for linearisation check for tank leakage diagnosis	1x1
Maximal authorised time for the coldstart diagnosis	1x1
debouncing time for diagnosis of ambient (-air) temperature TUM	1x1
Debouncing time for injector cut-off due to low on-board power supply voltage	1x1
Hold time for increased torque reserve after battery voltage drop	1x1
Time delay for activation of torque reserve after battery voltage drop after start	1x1
number of combustions till the next pre-ignition detection during the air charge reduction	1x1
Time interval which is used to take into account the change of vehicle speed for the condition ""ORA expected	1x1
Delay after vfzg > VFZGMINSTF	1x1
Debounce for bit B_vppm	1x1
delay time for B_wdksugd	1x1
Debounce time enabling offset adaptation	1x1
Delay neg. wped gradient (for dynamic boost pressure reproach)	1x1
Time constant forlow octane fuel detection using delta ignition angles	1x1
Time constant for low pass filtering of the delta ignition angles at the falling ramp to restore air charge	8x1
Time constant for low pass filtering of the delta ignition angles at rising ramp to reduce air charge	8x1
maximum enginge temperature for canister purging time	1x1
default value for tecuoi_l	1x1
overflow threshold for tecuoi_l	1x1
Duration diagnosis-systemtest at end of line	1x1
Detection time for ""FRA stable"" by exceed of diagnostic threshold	1x1
time threshold for scan of the mixture adaptation	1x1
Debounce counter value for knock sensor loose fit detection.	1x1
time constant lowpass body temperature, tmsvm	1x1
Time constants for stabalization of rl/rlsol at rlsol<rl	5x1
Temp.threshold for fixed ign.angle output	1x1
Time delay for two scavenging demands in succession	1x1
max. engine stop time for one ORA-adaptation per DCY in Start-Stop-systems	1x1

Lower boundary of the ambient air temperature window by hot start used to enable EONV	1x1
Upper boundary of the ambient air temperature window by hot start used to enable EONV	1x1
Lower boundary of the ambient air temperature window by cold start used to enable EONV	1x1
Lower boundary of the ambient air temperature window by cold start used to enable EONV	1x1
Upper boundary of the ambient air temperature window by cold start used to enable EONV	1x1
Upper boundary of the ambient air temperature window by cold start used to enable EONV	1x1
DEONV Enable condition hold time.	1x1
time decrease/increase in pressure after a peak needed to identify it as a overpressure/vacuum	1x1
minimum engine run time for EONV start by tester	1x1
time used to indicate the pressure has stabilized at zero (EONV-diagn.)	1x1
Time unsed to indicate the Phase 1 vacuum build (EONV-diagnostic)	1x1
Detection time for ""ORA stable"" by exceed of diagnostic threshold	1x1
Min. Engine run time to start EONV to be sure engine has warmed up	1x1
time constant for filtering of engine efficency for catalyst heating as a result of a cold start	1x1
time constant for filtering of engine efficency for catalyst heating as a result of a cold start (during part load)	1x1
filter time constant for computation of max. indicated torque	1x1
Filter time constant base-ignition angle efficiency (not loaded area)	1x1
Filter time constant base-ignition angle efficiency (loaded area)	1x1
Maximal tmperatur of inlet valve for temperature correction after start	1x1
max. duration for tank leak diagnosis systemtest at end of line	1x1
Time constant for filtering of HFM extreme value saving	1x1
Lowpass time constant for guided fault search manifold pressure	1x1
Time constant for lp filter of delivery duration of MSV	1x1
Timer for ramp back the factor to reduce air charge in case of bad fuel	1x1
Timer for ramp the factor to restore air charge reduction in case of bad fuel	1x1
Time constant for disabeling scavenging	1x1
time constant for slow disabeling scavenging	1x1
time for identification of mixture error suspicion	1x1
time constant for controlled termination of max. allowed scavenging dilution factor because of rich component protection	1x1
debounce time B_stend	1x1
Debouncing time to recognize a hot idle speed	1x1
time period for steady-state	1x1
temperature limit of tmot to influence of vfzg	1x1
Filter time constant actor of air mass flow by throttle valve and by main charge sensor	1x1
Filter time constant actor of air mass flow by throttle valve and by main charge sensor	1x1
Time constant filter of control deviation high-pressure control	1x1
Time constant filter of rail pressure controller output	1x1
time constant for low pass filter of setpoint pressure limitation dep. on fuel temperature	1x1
Time constant of filter of difference between ambient air pressure and other air pressures	1x1
monitoring duration sufficient for fra	1x1
start value for count down timer case of fault suspicion fra	1x1
Initialisation value of count down timer fra	1x1
threshold for priority step 2 fra	1x1
start value for count down timer case of GA stabilized and Z_fra	1x1
Timer for ramp back the factor to reduce air charge in case of pre-ignition	1x1
Timer for ramp the factor to restore air charge reduction in case of pre-ignition	1x1
Timer for ramp the factor to restore air charge at permanent air charge reduction in case of pre-ignition	1x1
time constant fuel level filter for fast uptdate fuel level after refueling	1x1
Time for detection of purge stop	1x1
Time for reset integrated mass flow at open loop purge control	1x1
Time-constant for lowpass filtering of ttaikr(2)_w	1x1
Time for reset integrated mass flow at open loop purge control	1x1
Time-constant for lowpass filtering of ttaikr(2)_w	1x1
Minimum fuel temperature for direct start release	1x1
Maximum fuel temperature for direct start release	1x1
fix substitude value at error model input value	1x1
Threshold for tfuelhpsq to recognize a hot idle speed	1x1
fix substitude value at error model input value for tfuelhpsq	1x1
threshold for fuel temperatur for hot start	1x1
Threshold to recognize that hot idle speed is no longer present	1x1
filtering time of desired throttle angle	4x1
depounce time for steady state detection based on position boost pressure actuator	1x1
application parameter HDEV-temperature	1x1
minimum temperature for hpiv-o-rings while fault ""full delivery	1x1
time debounce for model valid	1x1
limnit value for warmstart	1x1
threshold for cold start	1x1
Status of AC switch in case of coded configuration	1x1
The source of the main AC switch	1x1
temperature for torque limitation for HDP	1x1
Time after end of engine start for mode change without acknowledge	1x1
Waiting time until healing test	1x1
delay time failure heiling powerstage diagnosis	1x1
lowpass time constant hpmass_LT	1x1
Hold time for the preceeding desired boost pressure in case of large decrease of the actual desired boost pressure	1x1
ThrVlv_ATS.LimitTypeMsk_C	1x1
ThrVlv_ATS.CnvNorm_C	1x1
ThrVlv_ATS.LowLim_C	1x1
ThrVlv_ATS.UpLim_C	1x1
ThrVlv_ATS.CnvFac_C	1x1
ThrVlv_ATS.CnvOfs_C	1x1
ThrVlv_ATS.DfltVal_C	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Number of driving cycles by which offset learning execution is performed again	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Duty Cycle threshold to start calculation of mechanical stop	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Position step- size to ramp into mechanical stop	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Desired position value to start ramping into mechanical stop	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Range for actual position value (offset to Desired position value) to start ramping into mechanical stop	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Duration for average calculation of learned voltage at mechanical stop	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Timeout value for each individual learning step of mechanical stop learning	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / electrical offset for learned voltage at mechanical stop	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / voltage at mechanical stop in case no learned values available or offset learning error applied	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Threshold for maximum voltage value allowed at mechanical stop, position sensor 1	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Threshold for minimum voltage value allowed at mechanical stop, position sensor 1	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Threshold for allowed voltage difference during mean value calculation at mechanical stop, position sensor 1	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Function to calculate offset in case of cold condition and valve stuck enabled	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Calculation of offset in case of cold conditions released by monitoring conditions	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Offset simulation in case of cold temperature condition active	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / MAP to calibrate Cold temperature condition	10x1(
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Stepwise ramp down of offset from cold temperature conditions to 0 at once, even if desired position is not 0, active	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Valve speed threshold to check for stuck valve at cold temperature conditions	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Duty Cycle threshold to calculate offset at cold temperature conditions	1x1

Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Duty Cycle threshold to reduce offset from cold temperature conditions gradually	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Threshold for desired position to release check for cold temperature conditions	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Threshold for actual position relative to desired position (offset) to release check for cold temperature conditions	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Melted air temperature threshold to reduce offset from cold temperature conditions gradually	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Melted engine temperature threshold to reduce offset from cold temperature conditions gradually	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / PT1 filter time for valve speed	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Time for which Duty Cycle threshold must be exceeded to start calculation for offset at cold temperature conditions	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Time for which Duty Cycle threshold must be exceeded to stop reducing of offset from cold temperature conditions gradually	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Maximum allowed voltage offset at cold temperature conditions	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Minimum allowed voltage offset at cold temperature conditions	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Simulated voltage offset for cold temperature condition	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Voltage step- size to reduce offset from cold temperature conditions	1x1
Interface class instance, provides calibration parameters to calculate and check for position offset at cold temperature conditions / Additional offset to calculated offset from cold temperature conditions	1x1
interface class for detection of the limp air position, bank 1 / gain of i part at limp air postion	1x1
interface class for detection of the limp air position, bank 1 / distance between trajectory to the limp air position	1x1
interface class for detection of the limp air position, bank 1 / band around limp air position area	1x1
interface class for detection of the limp air position, bank 1 / differential voltage between the feedforward of the upper and the lower spring	1x1
interface class for detection of the limp air position, bank 1 / maximum differential voltage between the feedforward of the upper and the lower spring	1x1
interface class diagnosis, bank1 / factor for allowed control deviation	1x1
interface class diagnosis, bank1 / healing factor	1x1
interface class diagnosis, bank1 / control deviation for detection of oscillations	1x1
interface class diagnosis, bank1 / allowed control deviation in steady state	1x1
interface class diagnosis, bank1 / upper threshold for duty cycle diagnosis in case of low battery voltage	1x1
interface class diagnosis, bank1 / upper threshold for duty cycle diagnosis	1x1
interface class diagnosis, bank1 / upper threshold for cycle flag	1x1
interface class diagnosis, bank1 / lower threshold for cycle flag	1x1
interface class diagnosis, bank1 / maximum debounce time control deviation	1x1
interface class diagnosis, bank1 / debounce time for open load diagnosis	1x1
interface class diagnosis, bank1 / maximum debounce time duty cycle	1x1
interface class drive to limp air position, bank 1 / allowed time to reach limp air position	1x1
interface class postdrive prolongation / time for postdrive prolongation	1x1
interface class check for reaching of limp air position, bank 1 / tolerance for reaching of limp air position	1x1
Interface class instance, provides calibration parameters to calculate and check limp air position / Number of learning cycles to determine limp air position	1x1
Interface class instance, provides calibration parameters to calculate and check limp air position / Duration for avarage calculation of limp air position	1x1
Interface class instance, provides calibration parameters to calculate and check limp air position / Time until actuator has levelled off into limp air position after power stage switch off	1x1
Interface class instance, provides calibration parameters to calculate and check limp air position / Threshold for maximum drift of limp air position related to first learned value	1x1
Interface class instance, provides calibration parameters to calculate and check limp air position / Threshold for maximum absolute limp air position allowed	1x1
Interface class instance, provides calibration parameters to calculate and check limp air position / Threshold for minimum absolute limp air position allowed	1x1
Interface class instance, provides calibration parameters to calculate and check limp air position / Threshold for plausibility check of actual learned value versus last stored value	1x1
Interface class: Replacement values for the limp air position / Codeword mask for LImpHomeSub method	1x1
Interface class: Parameter for sensor comparison with main load sensor / Required engine speed for sensor comparison with main charge sensor	1x1
Interface class: Parameter for sensor comparison with main load sensor / Maximal allowed deviation between throttle sensor 1 and main charge sensor	1x1
Interface class: Parameter for sensor comparison with main load sensor / Maximal allowed deviation between throttle sensor 2 and main charge sensor	1x1
Interface class: Parameter for sensor comparison with main load sensor / Debounce time: Main charge sensor error	1x1
Interface class: Parameter for sensor comparison with main load sensor / Debounce time for maximal deviation between throttle sensor 1 and main load sensor	1x1
Interface class: Parameter for sensor comparison with main load sensor / Debounce time for maximal deviation between throttle sensor 2 and main load sensor	1x1
Interface class: Parameter for sensor comparison with main load sensor / Time for active comparison of the throttle sensors with the main charge sensor	1x1
Interface class: Parameter for sensor comparison with main load sensor / Engine speed dependent time constant for filtering of the throttle valve angles	6x1
Interface class instance, provides calibration parameters to calculate the release conditions for offset learning / Engine speed threshold for offset learning release	1x1
Interface class instance, provides calibration parameters to calculate the release conditions for offset learning / Mask to select release conditions for offset learning	1x1
Interface class instance, provides calibration parameters to calculate the release conditions for offset learning / Maximum air temperature threshold for offset learning release	1x1
Interface class instance, provides calibration parameters to calculate the release conditions for offset learning / Mask to select release conditions for offset learning	1x1
Interface class instance, provides calibration parameters to calculate the release conditions for offset learning / Maximum air temperature threshold for offset learning release	1x1
Interface class instance, provides calibration parameters to calculate the release conditions for offset learning / Minimum air temperature threshold for offset learning release	1x1
Interface class instance, provides calibration parameters to calculate the release conditions for offset learning / Maximum engine temperature threshold for offset learning release	1x1
Interface class instance, provides calibration parameters to calculate the release conditions for offset learning / Minimum engine temperature threshold for offset learning release	1x1
Interface class instance, provides calibration parameters to calculate the release conditions for offset learning / Maximum battery voltage threshold for offset learning release	1x1
Interface class instance, provides calibration parameters to calculate the release conditions for offset learning / Minimum battery voltage threshold for offset learning release	1x1
Interface class instance, provides calibration parameters to calculate the release conditions for offset learning / Vehicle speed threshold for offset learning release	1x1
Interface class instance, provides calibration parameters to calculate and check Sensor2 values at lower mechanical stop / Threshold for maximum voltage value allowed at mechanical stop, position sensor 2	1x1
Interface class instance, provides calibration parameters to calculate and check Sensor2 values at lower mechanical stop / Threshold for minimum voltage value allowed at mechanical stop, position sensor 2	1x1
interface class powersave / threshold for control deviation	1x1
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Interface class instance, provides calibration parameters to calculate the release conditions for return spring check / Engine speed threshold for offset learning release	1x1
Interface class instance, provides calibration parameters to calculate the release conditions for return spring check / Mask to select release conditions for offset learning	1x1
Interface class instance, provides calibration parameters to calculate the release conditions for return spring check / Maximum air temperature threshold for offset learning release	1x1
Interface class instance, provides calibration parameters to calculate the release conditions for return spring check / Minimum air temperature threshold for offset learning release	1x1
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Interface class instance, provides calibration parameters to calculate the release conditions for return spring check / Maximum battery voltage threshold for offset learning release	1x1
Interface class instance, provides calibration parameters to calculate the release conditions for return spring check / Minimum battery voltage threshold for offset learning release	1x1
Interface class instance, provides calibration parameters to calculate the release conditions for return spring check / Vehicle speed threshold for offset learning release	1x1
Interface class: sensor 2 available / Maximal allowed throttle angle deviation	5x1
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Interface class: sensor 2 available / Upper diagnosis threshold sensor 2	1x1
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Interface class: sensor 2 available / Voltage offset for Visteon ETB	1x1
Interface class: sensor 2 available / Slope for Visteon ETB	1x1
Interface class: sensor 2 available / Threshold for switching over between the throttle characteristic sensor curves for Visteon ETB	1x1
Interface class instance, provides calibration parameters to calculate and verify return spring check / Range for actual position (offset to limp air position) to check whether limp air position is reached via return spring or via open spring	1x1
Interface class instance, provides calibration parameters to calculate and verify return spring check / Range for actual position (offset to desired value) to check whether open spring spread position is reached	1x1
Interface class instance, provides calibration parameters to calculate and verify return spring check / Range for actual position (offset to desired value) to check whether return spring spread position is reached	1x1
Interface class instance, provides calibration parameters to calculate and verify return spring check / Position by which return spring is spread starting from power off position	1x1
Interface class instance, provides calibration parameters to calculate and verify return spring check / Maximum duration until limp air position must have been reached via open spring	1x1
Interface class instance, provides calibration parameters to calculate and verify return spring check / Maximum duration until open spring spread position must have been reached	1x1
Interface class instance, provides calibration parameters to calculate and verify return spring check / Maximum duration until limp air position must have been reached via return spring	1x1
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Class instance of public class for offset learning / Voltage difference between old and new learned Value at lower mechanical stop to store values in EEP	1x1
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Position Controller of the throttle valve of motor bench one / threshold engine speed for desired position in postdrive	1x1
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Position Controller of the throttle valve of motor bench one / lower threshold for control deviation	1x1
Position Controller of the throttle valve of motor bench one / maximum duty cycle at offset learning	1x1
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Position Controller of the throttle valve of motor bench one / Threshold for deviation between desired value and trajectory at which fast feed forward becomes active	1x1
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Position Controller of the throttle valve of motor bench one / activate nonlinear feedforward	1x1
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Position Controller of the throttle valve of motor bench one / time constant for friciton model	1x1
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Position Controller of the throttle valve of motor bench one / filter time feedforward	1x1
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Position Controller of the throttle valve of motor bench one / filter time feedforward	1x1
Position Controller of the throttle valve of motor bench one / time constant for scheduling of the p part	1x1
Position Controller of the throttle valve of motor bench one / debounce time for detection of a slow trajectory	1x1
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Class instance from AirActr_Sens / Maximal characteristic angle threshold in a defined driving cycle	1x1
Class instance from AirActr_Sens / Minimal characteristic angle threshold in a defined driving cycle	1x1
Class instance from AirActr_Sens / Replacement angle in case of total sensor error	1x1
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Class instance from AirActr_Sens / Debounce time for setting of the cycle flag	1x1
Class instance from AirActr_Sens / Debounce time: Sensor 1 error	1x1
Class instance from AirActr_Sens / Upper diagnosis threshold sensor 1	1x1
Class instance from AirActr_Sens / Lower diagnosis threshold sensor 1	1x1
Codeword for configuration of the actuator	1x1
Codeword for configuration of the actuator	1x1
ThrVlv_stMon: Applicationmask	1x1
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switch for desired value for calibration of throttle valve motor bench 1	1x1
Debounce time for clearing of a short circuit error reported by the core SW	1x1
Debounce time for batter voltage depression	1x1
Debounce time: Double sensor error suspicion	1x1
Waiting time for starting of the open load diagnosis	1x1
Codeword: Configuration of THS2ME	1x1
Minimum time after crank-up to enable homogeneous split-injection	1x1
Maximum time after crank-up while homogeneous split-injection enabled	1x1
time for enlarge of hysteresis of driver demand at input of KFBDEMFA	1x1
minimum temperature inside first brick of first catalyst for decision catalyst heating in case of a cold start	1x1
Minimum injection time in HP2, which leads to a HOM request after CVO basic adaption	1x1
Minimum injection time in HP2, which leads to a HOM request	1x1
Minimum alowed injection time after CVO basic adaption	1x1
Minimum alowed injection time	1x1
minimum injection time	1x1
minimum injection time	1x1
Threshold time activation stop inhibit at integral of engine air mass	1x1
Temperature radiator output sensing and linearization	20x1
Default value temperature radiator output in case of fault	1x1
Min. temperature radiator output	1x1
Max. temperature radiator output	1x1
delay time switching to idle speed at drive at catalyst heating	1x1

Maximum time for increased catalyst heating idle speed	1x1
time for reducing idle speed during catalyst heating	1x1
time constant for filtering idle speed by catalyst heating by brake booster	1x1
time constant for filtering idle speed without condition for catalyst heating idle speed	1x1
Temperature threshold for cylinder individual fuel cut off, main catalyst	1x1
delay of B_kl15 if empty tank is not validated	1x1
Knock control: delay for condition ""min nr. of guiding cylinders underschootten	1x1
Delay-time during fast ignition advancing	8x1
Temperature to end after start functions	1x1
Time after that Initial fuelling will be disabled	1x1
Debounce time for high pressure threshold and engine running to stop after start measures	1x1
Time of low- or high pressure must be present to end initial fuelling	1x1
Time after after-start enrichment will be disabled	1x1
One side tolerance manifold pressure sensor	1x1
One side tolerance ambient air pressure sensor	1x1
One side tolerance pressure sensor upstream throttle valve	1x1
delay time for activation of lambda demand by driver	1x1
time delay for enabling of calculation of max. allowed scavenging dilution factor because of rich component protection	1x1
time threshold for limitation of min. allowed nominal engine lambda for scavenging (from point of monitoring)	1x1
The necessary Time for LASOABDQ in case of DQ	1x1
Minimum duration of lower rich limit for component protection after fuel feed restart	1x1
Time limitation of the sensor controlled lambda limitation in the case of resumption	1x1
Time constant for smooting of specific enrichment at high load and low gear (steep slope climbing)	1x1
fast filter time constant for low pass filtering of fuel tank pressure	1x1
filter time constant for high pass filtering of fuel tank pressure	1x1
filter time constant for noise reduction of fuel tank pressure signal	1x1
filter constant for tank pressure high pass filtering for slosh detection	1x1
slow filter time constant for low pass filtering of fuel tank pressure	1x1
minimum threshold of time for calcultion of dldram_w	1x1
time constant high pass controller error	6x1
Time constant for D-part of Boost pressure controller	1x1
time constant for integral component of boost pressure controller depending on tracking error	12x1
time constant for additional integral component of boost pressure controller depending on boost pressure system deviation	12x1
debounce time accumulation time for incrementing denominator boost pressure controller	2x1
time delay for closing the dump valve	1x1
time delay for closing the dump valve in case of positive load change	1x1
Integrator time constant for positive shift of dzwzk.	1x1
Integrator time constant for negative shift of dzwzk.	1x1
Minimum time for partial intervalto detect stability frai and ora	1x1
blocking time for activation LC after acceleration enrichment	8x1
blocking time LC during hot start, triggered via thresholds TASHS and TMSHS	1x1
Time for hard LC-switch on after fuel cut-off	1x1
lock time for CL lambda control after start, depending on engine start temperature	5x1
blocking time for activation LC after deceleration enleanment	8x1
temperature threshold tmotab to recognize cold soak	1x1
temp. threshold for increasing 1st cat-interval, misfire detection	1x1
lowpass time constant mass_LT	1x1
enable temperature for error suspicion via dfrmk_w	1x1
Engine temperature threshold for ISC-actuator diagnosis	1x1
Upper threshold engine temperature for diagnosis start with high fuel pressure	1x1
Lower threshold engine temperature for diagnosis start with high fuel pressure	1x1
Upper threshold engine temperature for diagnosis start with high fuel pressure	1x1
Lower threshold engine temperature for diagnosis start with high fuel pressure	1x1
measurement time diagnosis dump valve	1x1
lowest engine temperature threshold for diagnosis of canister purge	1x1
engine temperature threshold to enable load dynamic adaptation	1x1
delta accelerator pedal	1x1
Lambda driver demand depending on enging speed and air charge	16x12
hysteresis value for calculation lamfaw_w	1x1
map for charge exchange loss, high lift (rel to MDNORM)	16x1
map for charge exchange loss, low lift (rel to MDNORM)	16x1
map for friction torque (rel to MDNORM)	6x12
Map for temperature depending drag torque, depended on oil and coolant temperature	10x3
Curve for Correction of torque due to high pressure pump	5x1
enable temperature for error suspicion via dfrm_w	1x1
engine-temperature - threshold warm	1x1
tmot threshold for increased target speed at hot idling	1x1
engine temp. hot-start limit	1x1
engine-temperature - threshold cold	1x1
engine-temperature threshold to enable knock control	1x1
engine temperature threshold for adaptive knock control	1x1
Temperature threshold for knock detection at pre-ignition	1x1
Minimum engine temperature for request of hom.split injection for cat. heating	1x1
Lower threshold of MSV light-load-control	1x1
Upper threshold of MSV two-point-control	1x1
Lower threshold of MSV two-point-control	1x1
tmot threshold for ban of stop	1x1
max. engine cool.temp. for retriggering models (blockheater-detection)	1x1
Min. temperature for low pressure start with activated high pressure pump	1x1
min. time of FRA-adaptation active for request of ORA stop inhibition	1x1
minimum time between two halts for new request of TLD	1x1
periodic switching: time in mode 1	1x1
periodic switching: time in mode 2	1x1
delay time for tyke back of limp home mode demand	1x1
Threshold difference coolant temperature for hot start	3x1
threshold for cold start	1x1
temperature threshold to enable pressure hold diagnosis	1x1
Minimum engine temperature for direct start release	1x1
Maximum engine temperature for direct start release	1x1
threshold depending on engine temperature for activation of DMD	1x1
Threshold for tmot to recognize a hot idle speedL	1x1
Min. engine coolant temperature for homogeneous split mode	1x1
Min. engine coolant temperature for homogeneous split mode	1x1
engine temperature for warm engine	1x1
Threshold engine temperature to enable integrator.	1x1
engine temperature threshold at which manifold pressure sensor could be frozen	1x1
engine temperature threshold for defrosted manifold pressure sensor	1x1
Selection of entry temperature variable for misfire detection	1x1
temperature limit for coldstart condition	1x1
min. eng. temp. for TKA Stuckcheck	1x1
cut-in temperature adaptive precontrol for lambda closed-loop control	1x1

cut-in temperature fuel mixture adaptation in case of error suspicion	1x1
tmot threshold for resetting the time counter for hot idling	1x1
max. engine-temperature threshold for EONV diagnosis	1x1
maximum engine temperature for EONV start by tester	1x1
threshold engine temp.for triggering of TLRHS-blocking time LC during hot start	1x1
engine temperature threshold for detection fuel in oil	1x1
char. linie for count up of ABO-counter dependent on start temperature	4x1
Temperature offset for cold start	1x1
Threshold to disable misfdet at low start temperature	1x1
Upper threshold engine temperature for start with high fuel pressure	1x1
Threshold engine temperature for high pressure start with pre-injection	1x1
Lower threshold engine temperature for start with high fuel pressure	1x1
Engine start temperature threshold for definition of the high temperature range in start	1x1
Engine start temperature for direct disabling of tank leak diagnosis by high evaporation (0.5mm test)	1x1
Engine start temperature for direct disabling of tank leak diagnosis by high evaporation (1.0mm test)	1x1
Minimum engine start temperature for enabling tank leak diagnosis 0.5mm test	1x1
Minimum engine start temperature for enabling tank leak diagnosis 1.0mm test	1x1
Maximum engine start temperature for enabling tank leak diagnosis 0.5mm test	1x1
Maximum engine start temperature for enabling tank leak diagnosis 1.0mm test	1x1
Engine start temperature threshold for definition of the low temperature range in start	1x1
max. engine start temperature for one ORA-adaptation per DCY in Start-Stop-systems	1x1
Engine start temperature threshold for definition of the low temperature range in start	1x1
max. engine start temperature for one ORA-adaptation per DCY in Start-Stop-systems	1x1
temperature threshold tmst to recognize cold soak	1x1
start temperature threshold at this the CPC can be directly active	1x1
max. eng. starttemp. for TKA Stuckcheck	1x1
temperature threshold to recognize hot start	1x1
application parameter MSV-temperature	1x1
time period for steady-state, tmsvm	1x1
Threshold for end of start counter for activation of Reduced Current Control	1x1
Upper Threshold for engine temperature for activation of Reduced Current Control	1x1
Lower Threshold for engine temperature for activation of Reduced Current Control	1x1
temperature threshold to recognize hot start	1x1
temperature limit for auxiliary heating before start	1x1
engine-temperature threshold for canister purge	1x1
max. engine temperature for reset of tnsezmks_w	1x1
engine temperture threshold for fulfilment ""warm up cycle	1x1
engine temperture threshold for fulfilment ""warm up cycle	1x1
Maximum temperature for torque limitation	1x1
duration of test-phase after detected misfire	1x1
Time constant for torque limitation by exhaust temperature	1x1
Time when ambient pressure in manifold	1x1
Time when ambient pressure in manifold	1x1
Time when ambient pressure in manifold	1x1
time after engine start prohibition of TE diagnosis	1x1
Time after start for active change limitation of lurs	1x1
Threshold for end of start timer during check filler cap	1x1
max delay for retrigger after engine start	1x1
maximum time of last driving cycle for evaluation of catalyst temperature for catalyst heating	1x1
time for ignoring B_fedssb after engine start	1x1
time threshold after start end for enabling 0.5mm tank leak diagnosis	1x1
time threshold after start end for enabling 1.0mm tank leak diagnosis	1x1
max. time after start to retrigger calculation of engine temperature model	1x1
time threshold after start end for enabling 1.0mm tank leak diagnosis	1x1
max. time after start to retrigger calculation of engine temperature model	1x1
Time delay until idle speed control diagnosis is activated	1x1
threshold time after start MSV light-load-control	1x1
threshold time after start MSV two-point-control	1x1
Time threshold for end of pressure limitation due to tightness o-rings connection rail-injector	1x1
Time after end of start for enabling air charge limitation from fuel supply	1x1
Time following start-up with switchover ban homogeneous - stratified	1x1
threshold time after start for release the dynamic component of feed forward control MSV	1x1
disabling time of injection mode switch compensation during post-cranking	1x1
Time rl prediction suppression in post-start	1x1
Debounce time after which TKA must rise since tmot greater stuck-check thresh.	1x1
Open time for canister vent after pressure build in Phase 2	1x1
debounce time for reset of preliminary ORA-FreezeFrame	1x1
time delay deactivation of calculation algorithmus of engine lambda in case of scavenging	1x1
characteristic curve for permitted pressure loss	6x1
Factor to consider engine hot soak for allowed pressure drop	5x1
Tollerance manifold pressure sensor to ambinent pressure during start	1x1
Tolerance of the ambient pressure sensor in the start	1x1
Tolerance of the pressure sensor upstream of the throttle valve in the start at the ambient pressure	1x1
characteristic curve influence of fuel temperature for allowed pressure drop	5x1
maximum duration of ofmsndkp_w adaptation to ensure, that an error(big leak to manifold) could have been found under all boundary conditions	1x1
duration time of ofmsndkp_w adaptation to ensure an error LZSR detection under worst case conditions	1x1
monitoring duration sufficient for ora	1x1
Reset value for count down timer in case of B_fdgser	1x1
Reset value for count down timer in case of fault suspition B_fvlra	1x1
Initialisation value of count down timer ora	1x1
min. stabalization time of ""ORA stabil"" after reset of adaptation values	1x1
Threshold of phase 2 (Ga possible)	1x1
start value for count down timer case of GA stabilized	1x1
temperature threshold of tosp for vaporizing gasoline out of oil	1x1
debounce time for state of oiltemperature-model (sump)	1x1
temperature threshold of tosp for vaporizing gasoline out of oil	1x1
debounce time for state of oiltemperature-model (sump)	1x1
short debounce time for state of oiltemperature-model (sump)	1x1
threshold for state of oiltemperature-model (sump)	1x1
time constant warm-up-state (model oil temperature in sump)	1x1
replacement value oil temperature (model oil temperature in sump)	1x1
replacement value oil temperature during ini2 (model oil temperature in sump)	1x1
max. adaptation time for one ORA-adaptation per DCY in Start-Stop-systems	1x1
minimum purging time for DTESK	1x1
filter time constant for combustion chamber pressure at angle for direct start	1x1
filter time constant for combustion chamber pressure at angle for direct start and open inlet valve	1x1
low pass for addressing the map KFHLDSNMRL	4x1
Application parameter for the pause time between 1st and 2nd of injections in HOM	1x1
Application parameter for the pause time between 2° and 3° of injections in HOM	1x1
Minimum time pause between injections in HP3	1x1
Max. time to execute the pressure monitoring of the EONV Diag.	1x1
Tooth debouncing time during initialisation for enabling MSV	1x1
Max. time for extending holding phase of mass flow valve at low rail pressures	1x1
time for valid psini after engine start	1x1
Debounce time for switch on the upper and lower intake manifold pressure model psrmmn and psrmmx	1x1

filter time constant for filtering intake manifold pressure to ambient pressure during B_nmin	1x1
min time for defrost manifold sensor at min temp	1x1
Time for operating point of signal-variation-check	1x1
time for detection of stabilized tank pressure (0.5-mm-check)	1x1
maximum waiting time for detection of stabilized tank pressure	1x1
timer start value for change of ambient pressure	1x1
minimal time for calculation of boost pressure gradient	1x1
debounce time for detection of npl-error of PVD	1x1
delay time for fault path DFP_PVDR	1x1
Time constant for filtering desired boost pressure pvds_w	6x1
Time constant for filtering desired boost pressure pvds_w (fast)	6x1
Time constant for filtering max. permissible valve-overlap for component protection	1x1
time for decrementation of the purge rate at demand DTEV	1x1
time for decrementation of the purge rate at demand DTEV	1x1
time for decrementation of the purge rate at demand DTEV second purge line	1x1
time for decrementation of the purge rate	1x1
time for decrementation of the spec. purge fuel amount	1x1
minimum torque for transmission line activation time measurement	1x1
monitoring time for lower load limit of lambda closed-loop control	1x1
Time period for detecting injection cut-off to set up shift inhibit status / Time for a High to Low transition	1x1
Time period for detecting injection cut-off to set up shift inhibit status / Time for a Low to High transition	1x1
Status AST-Intervention active	1x1
condition relative fan cooling capacity from CAN	1x1
Status AST-Intervention via CAN	1x1
condition coolant temperature - set point value - from CAN	1x1
Information gear shift active used via CAN	1x1
Status gearbox low-idle speed increase via CAN	1x1
condition ""information CAN"" is possible from CAN	1x1
condition gear lever position from CAN	1x1
condition gear reduction from CAN	1x1
condition the information actual gear = regverse gear from CAN	1x1
condition current torque ratio of the gearbox (exclusive converter) from CAN	1x1
Adopt status gearbox low-idle speed increase unfiltered or filtered	1x1
activate reading HW switch for neutral position of lever posoition	1x1
Default value to enable start/stop function	1x1
the number of times of moving for the moving averaging	1x1
Ramp slope parameter to ramp to standard state of autarkic protection function	1x1
Ramp slope parameter to ramp to replacement state in autarkic protection function	1x1
Negative ramp value for transmission protection	1x1
Positive ramp value for transmission protection	1x1
ramp parameter / Parameter for ramp function	1x1
ramp parameter / Parameter for ramp function	1x1
ramp parameter / Parameter for ramp function	1x1
ramp parameter / Parameter for ramp function	1x1
ramp parameter / Parameter for ramp function	1x1
ramp parameter / Parameter for ramp function	1x1
ramp parameter / Parameter for ramp function	1x1
ramp parameter / Parameter for ramp function	1x1
MAP of the correction factor for gear shift up indication	16x8
Calibration for Neutral Judging Flag	1x1
Status of ramp active in standard state of autarkic protection function	1x1
Flag to select diagnosis information of FId_SSEStopRelease	1x1
Flag to enable or disable the functionality for gearbox damage prevention when injection cutoff is not possible	1x1
MAP of the maximum force after gear shift up	16x8
Curve of threshold of spare force to gear shift up	7x1
MAP of the driving resistance depends on slope after shift up	16x16
MAP of the maximum force for shift indicator lamp	16x8
MAP of the driving resistance depends on slope	16x16
Curve of spare force to gear shift down	16x1
raduis of the tire	1x1
mass of the vehicle	1x1
Substitute value for synchronisation speed	1x1
minimum rpm of engine	1x1
Idle up engine speed due to ATF temperature sensor failure	1x1
Curve of threshold of engine speed to shift down forcely	8x1
hysteresis engine speed to inhibit shift down	1x1
Engine speed value at Gear Shift down Inhibit status	7x1
Idle up engine speed due to lock-up-clutch learning required	1x1
Maximum speed dependent on speed with reference to transmission with a CAN error.	4x1
maximum rotational speed for transmission	1x1
minimum rotational speed for transmission	1x1
high engine speed to detect neutral condition	1x1
low engine speed to detect neutral condition	1x1
Curve for the conversion of Tra_numGearDisp to Tra_numGear	9x1
maximum gear number for gear shift up	1x1
minimum gear number for gear shift down	1x1
default level position	1x1
The delta of the shreshold of accel pedal position	1x1
This is SW-CALPRM	9x16
The shreshold of accel pedal position	1x1
Parameter for the relative fan cooling capacity	1x1
driver acceleration demand for shift indicator lamp	1x1
The table for high value of throttle high	10x1
The table for low value of throttle high	10x1
The table for high value of throttle high	10x1
The table for low value of throttle high	10x1
High tolerance band for GEAR1	1x1
Low tolerance band for GEAR1	1x1
High tolerance band for GEAR2	1x1
Low tolerance band for GEAR2	1x1
High tolerance band for GEAR3	1x1
Low tolerance band for GEAR3	1x1
High tolerance band for GEAR4	1x1
Low tolerance band for GEAR4	1x1
High tolerance band for GEAR5	1x1
Low tolerance band for GEAR5	1x1
High tolerance band for GEAR6	1x1
Low tolerance band for GEAR6	1x1
Curve of acceleration ratio threshold to detect low load	8x1

Ramp slope parameter for initialisation of slope parameters of CAN Error ramp function	1x1
MAP of estimation of road slope fot shift indicator lamp	16x1
default value for quotient of velocity and rational speed	1x1
application parameter for maximum ratio of 1. gear	1x1
application parameter for minimum ratio of 1. gear	1x1
application parameter for ratio of the 1. to 2. gear transition	1x1
application parameter for maximum ratio of 2. gear	1x1
application parameter for minimum ratio of 2. gear	1x1
application parameter for ratio of the 2. to 3. gear transistion	1x1
application parameter for maximum ratio of 3. gear	1x1
application parameter for minimum ratio of 3. gear	1x1
application parameter for ratio of the 3. to 4. gear transistion	1x1
application parameter for maximum ratio of 4. gear	1x1
application parameter for minimum ratio of 4. gear	1x1
application parameter for ratio of the 4. to 5. gear transistion	1x1
application parameter for maximum ratio of 5. gear	1x1
application parameter for minimum ratio of 5. gear	1x1
application parameter for ratio of the 5. to 6. gear transistion	1x1
application parameter for maximum ratio of 6. gear	1x1
application parameter for minimum ratio of 6. gear	1x1
Application parameter for the ratio of the transfer from 6th to 7th gear	1x1
Application parameter for the ratio of the transfer from 6th to 7th gear	1x1
Application parameter for maximum ratio of the 7th gear	1x1
Application parameter for minimum ratio of the 7th gear	1x1
Application parameter for the ratio of the transfer from 7th to 8th gear	1x1
Application parameter for maximum ratio of the 8th gear	1x1
Application parameter for minimum ratio of the 8th gear	1x1
Application parameter for the ratio of the transfer from 8th to 9th gear	1x1
Application parameter for maximum ratio of the 9th gear	1x1
Application parameter for minimum ratio of the 9th gear	1x1
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application parameter for minimum ratio of reverse gear	1x1
Status of autarkic protection function	1x1
Calibration used for masking clutch press activation especially in case multiple switches are present	1x1
Code word for selcting the bits of Gbx_stHaltDisEgdActv	1x1
Parameter for selecting the gearbox type information from Hardware or Software	1x1
application parameter for position D	1x1
CAN configuration	1x1
application parameter storing the transmission type	1x1
Required demand selection switch	1x1
Condition decreasing transmission intervention plausible	1x1
Condition decreasing transmission intervention plausible	1x1
Condition increasing transmission intervention plausible	1x1
Condition increasing transmission intervention plausible	1x1
Selection switch used for reading Cruise active status to inhibit UpDown indication.	1x1
Select switch of neutral detection for down indication inhibit status	1x1
Calibration to switch between Tra_numGear and Tra_numGearDisp	1x1
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Switch to activate Honda GDi specific gear number calculation	1x1
application data field gear detection has to be executed for level position: CAN or individual calculation	16x1
Switch to decide reverse gear sensing through sensor or through can	1x1
Switch for ramping functionality	1x1
Switch to decide reverse gear sensing through sensor or through can	1x1
Switch for ramping functionality	1x1
Switch for ramping functionality	1x1
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Calibratable Coolant temperature - Set point value	1x1
The water temp shreshold for SIL	1x1
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Substitute value for synchronisation time	1x1
This is SW-CALPRM	1x1
This is SW-CALPRM	1x1
Delay time for Brk condition to select PT1 parameter	1x1
delay time for clutch condtiion change	1x1
Delay time for stop SIL after clutch off	1x1
delay time to detect shift change	1x1
Delay time for ECO lamp off	1x1
Delay time for ECO lamp on	1x1
Delay time for indicate after SIL up	1x1
delay time for fuel cut to inhibit shift up	1x1
Time for GEAR1 Validation check	1x1
Time for GEAR2 Validation check	1x1
Time for GEAR3 Validation check	1x1
Time for GEAR4 Validation check	1x1
Time for GEAR5 Validation check	1x1
Time for GEAR6 Validation check	1x1
Time for no valid gear selection	1x1
PT1 filter time constant for gear ratio calculation	1x1
Maximum hold time in TRA_CANERR state of autarkic torque protection function	1x1
delay time to detect low load	1x1
Delay time to release the shift down inhibit N condition	1x1
Time for Neutral cancellation delay	1x1
Time for neutral position validation	1x1
delay time for engine speed condition to detect neutral	1x1
Time for neutral position validation	1x1
delay time for engine speed condition to detect neutral	1x1
filter time constant for the pre filtering of the engine speed for the calculation of the v/n ratio	1x1
This is SW-CALPRM	1x1
This is SW-CALPRM	1x1
PT1filter delay time for acceleration resistance in case of Brk On	1x1
PT1 filter delay time for acceleration resistance	1x1
PT1 filter delay time for current driving resistance	1x1
Time to ramp to TRA_CANERR state of autarkic protection function	1x1
Time to ramp to TRA_RAMPREPLVAL state in autarkic protection function	1x1
Maximum time lapsed in Ramp to Standard state in autarkic protection function	1x1
Time to ramp to TRA_STD in autarkic protection function	1x1
Delay time to release down inhibit condition	1x1
delay time to release down inhibit condition	1x1
Delay time to release up inhibit condition	1x1
delay time to release up inhibit condition	1x1
Reverse gear position off delay time	1x1
Time for reverse position validation	1x1
Delay time for not indicate SIL	1x1
PT1 filter delay time for the estimated slope	1x1

PT1 filter delay time for vehicle speed to estimat slope	1x1
PT1 filter delay time for force depend on wheel torque	1x1
filter time constant for the filtering of the v/n ratio	1x1
Set point value of the desire gear oil temperature.	1x1
Set point value of the gear oil temperature high limit.	1x1
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Parameter for minimum Torque for transition from CAN Error state to replacement state in autarkic protection function	1x1
Parameter for minimum torque for transition from Ramp to Standard state to Standard statein autarkic protection function	1x1
Parameter for maximum permissible torque input in CAN error state of autarkic protection function.	1x1
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Parameter maximum torque	1x1
Parameter minimum torque	1x1
General torque maximum value	1x1
Applicable maximum lead torque value	1x1
Calibratable minimum desired torque	1x1
Curve of torque threshold to detect low load	8x1
current transmission torque loss	1x1
Desired torque depending on engine speed	10x1
Curve (n/trq) gear 1	8x1
Curve (n/trq) gear 2	8x1
Curve (n/trq) gear 3	8x1
Curve (n/trq) gear 4	8x1
Curve (n/trq) gear 5	8x1
Curve (n/trq) gear 6	8x1
Curve (n/trq) gear 7	8x1
Curve (n/trq) gear 8	8x1
Application curve (n/trq) for gear 9	8x1
Curve (n/trq) gear R	8x1
Desired torque depending on engine speed	10x1
high torque to detect neutral condition	1x1
low torque to detect neutral condition	1x1
coolante temperature to shift up request	1x1
MAP of vehicle speed to gear shift up	16x8
MAP of drivability vehicle speed to shift up	16x8
The delta of the shreshold max vehicle speed	1x1
Max vehicle speed for lamp on indicate	1x1
The delta of the shreshold min vehicle speed	1x1
Min vehicle speed for lamp on indicate	1x1
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Threshold vehicle speed for limp home	1x1
minimum value of velocity for gear detection	1x1
vehicle speed to detect neutral condition	1x1
High limit of vehicle speed for Reverse Lock solenoid condition	1x1
Low limit of vehicle speed for Reverse Lock solenoid condition	1x1
hysteresis vehicle speed to inhibit shift up	1x1
Threshold vehicle speed for Shift Up Inhibit indication status	8x1
Calculatable vehicle speed threshold	1x1
Interface class instance, provides calibration parameters to perform broken lever diagnosis / Voltage threshold for broken lever detection	1x1
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activate feed forward control turbo charger	1x1
activate duty cycle maps at hold closed	1x1
interface class battery voltage check / offset for actual position	1x1
interface class battery voltage check / debounce time	1x1
interface class battery voltage check / time to drive to fail safe position	1x1
interface class battery voltage check / hysteresis threshold	1x1
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Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Number of driving cycles by which offset learning execution is performed again	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Duty Cycle threshold to start calculation of mechanical stop	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Position step- size to ramp into mechanical stop	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Desired position value to start ramping into mechanical stop	1x1
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Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Duration for average calculation of learned voltage at mechanical stop	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Timeout value for each individual learning step of mechanical stop learning	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / electrical offset for learned voltage at mechanical stop	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / voltage at mechanical stop in case no learned values available or offset learning error applied	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Threshold for maximum voltage value allowed at mechanical stop, position sensor 1	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Threshold for minimum voltage value allowed at mechanical stop, position sensor 1	1x1
Interface class instance, provides calibration parameters to calculate and check lower mechanical stop / Threshold for allowed voltage difference during mean value calculation at mechanical stop, position sensor 1	1x1
Instance of the interface class for the functionality component protection waste gate / Healing factor component protection	1x1
Instance of the interface class for the functionality component protection waste gate / duty cycle at HldClosed	1x1
Instance of the interface class for the functionality component protection waste gate / upper limit for the duty cycle	1x1
Instance of the interface class for the functionality component protection waste gate / lower limit for the duty cycle	1x1
Instance of the interface class for the functionality component protection waste gate / duty cycle threshold component protection	1x1
Instance of the interface class for the functionality component protection waste gate / switch component protection	1x1
Instance of the interface class for the functionality component protection waste gate / Maximum engine temperature threshold for component protection release	1x1
Instance of the interface class for the functionality component protection waste gate / Minimum engine temperature threshold for component protection release	1x1
Instance of the interface class for the functionality component protection waste gate / time until component protection gets active	1x1
Instance of interface class for detection of the closed and open position of the wastegate / tolerance for reaching of the closed position	1x1
Instance of interface class for detection of the closed and open position of the wastegate / tolerance for reaching of the open position	1x1
interface class healing of dfc from last driving cycle / number of healing trials	1x1
interface class healing of dfc from last driving cycle / tolerance for reaching of the desired position at healing	1x1
interface class healing of dfc from last driving cycle / number of healing trials	1x1
interface class healing of dfc from last driving cycle / tolerance for reaching of the desired position at healing	1x1
interface class healing of dfc from last driving cycle / time for reaching of desired position	1x1
interface class diagnosis / factor for allowed control deviation	1x1
interface class diagnosis / healing factor	1x1
interface class diagnosis / control deviation for detection of oscillations	1x1
interface class diagnosis / allowed control deviation in steady state	1x1
interface class diagnosis / upper threshold for duty cycle diagnosis in case of low battery voltage	1x1
interface class diagnosis / upper threshold for duty cycle diagnosis	1x1
interface class diagnosis / upper threshold for cycle flag	1x1
interface class diagnosis / lower threshold for cycle flag	1x1
interface class diagnosis / maximum debounce time control deviation	1x1
interface class diagnosis / debounce time for open load diagnosis	1x1
interface class diagnosis / maximum debounce time duty cycle	1x1
interface class postdrive prolongation / time for postdrive prolongation	1x1
Interface class healing by desired value / number of healing trials	1x1
Interface class healing by desired value / tolerance for reaching of the desired position at healing	1x1
Interface class healing by desired value / distance relative to stuck position	1x1
Interface class healing by desired value / time for reaching of desired position	1x1
Instance of interface class for duty cycle maps at hold closed / map of the hold closed duty cycle exhaust mass flow over engine speed	10x1

Instance of interface class for duty cycle maps at hold closed / map of the hold closed duty cycle relative air charge over engine speed	10x1(
Instance of interface class for duty cycle maps at hold closed / Code word to switch between the maps for hold closed duty cycle	1x1
Instance of interface class for the functionality to hold waste gate closed / reset value of integral part after hold closed	1x1
Instance of interface class for the functionality to hold waste gate closed / duty cycle at HldClosed	1x1
Instance of interface class for the functionality to hold waste gate closed / position threshold for hold closed	1x1
Instance of interface class for the functionality to hold waste gate closed / hysteresis theshold for hold closed	1x1
Interface class instance, provides calibration parameters to calculate and check long term and short term adaptation values of lower mechanical stop / Threshold for current engine shut off time	1x1
Interface class instance, provides calibration parameters to calculate and check long term and short term adaptation values of lower mechanical stop / delay time after engine start in which long term adaptation is still released	1x1
Interface class instance, provides calibration parameters to calculate and check long term and short term adaptation values of lower mechanical stop / Minimum battery voltage threshold for long term and short term adaptation	1x1
Interface class instance, provides calibration parameters to calculate and check long term and short term adaptation values of lower mechanical stop / Threshold for maximum voltage value allowed at mechanical stop for long term value, sensor 1	1x1
Interface class instance, provides calibration parameters to calculate and check long term and short term adaptation values of lower mechanical stop / Threshold for minimum voltage value allowed at mechanical stop for long term value, sensor 1	1x1
Interface class instance, provides calibration parameters to calculate and check long term and short term adaptation values of lower mechanical stop / Limit for maximum delta of actual long term adaptation value vs previous long term adaptation value	1x1
Interface class instance, provides calibration parameters to calculate and check long term and short term adaptation values of lower mechanical stop / Limit for minimum delta of actual long term adaptation value vs previous long term adaptation value	1x1
Interface class instance, provides calibration parameters to calculate and check long term and short term adaptation values of lower mechanical stop / Limit for maximum delta of actual short term adaptation value vs actual long term adaptation value	1x1
Interface class instance, provides calibration parameters to calculate and check long term and short term adaptation values of lower mechanical stop / Limit for minimum delta of actual short term adaptation value vs actual long term adaptation value	1x1
interface class noise reduction / threshold for desired value	1x1
interface class noise reduction / threshold for gradient of the trajectory	1x1
interface class noise reduction / release switch	1x1
interface class noise reduction / switch for threshold of desired value	1x1
interface class noise reduction / delay of the release	1x1
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Interface class instance, provides calibration parameters for release of the determination of the lower mechanical stop / Engine speed threshold for offset learning release	1x1
Interface class instance, provides calibration parameters for release of the determination of the lower mechanical stop / Mask to select release conditions for offset learning	1x1
Interface class instance, provides calibration parameters for release of the determination of the lower mechanical stop / Maximum air temperature threshold for offset learning release	1x1
Interface class instance, provides calibration parameters for release of the determination of the lower mechanical stop / Minimum air temperature threshold for offset learning release	1x1
Interface class instance, provides calibration parameters for release of the determination of the lower mechanical stop / Maximum engine temperature threshold for offset learning release	1x1
Interface class instance, provides calibration parameters for release of the determination of the lower mechanical stop / Minimum engine temperature threshold for offset learning release	1x1
Interface class instance, provides calibration parameters for release of the determination of the lower mechanical stop / Maximum battery voltage threshold for offset learning release	1x1
Interface class instance, provides calibration parameters for release of the determination of the lower mechanical stop / Minimum battery voltage threshold for offset learning release	1x1
Interface class instance, provides calibration parameters for release of the determination of the lower mechanical stop / Vehicle speed threshold for offset learning release	1x1
Instance of the interface class for the functionality to open the waste gate in open loop control in case of sensor error / switch off powerstage after open loop opening	1x1
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Instance of the interface class for the functionality to open the waste gate in open loop control in case of sensor error / open loop opening: duty cycle in end position	1x1
Instance of the interface class for the functionality to open the waste gate in open loop control in case of sensor error / open loop opening: duty cycle in end position	1x1
Instance of the interface class for the functionality to open the waste gate in open loop control in case of sensor error / open loop opening: delay time until duty cycle in end position is set	1x1
Interface class instance, provides calibration parameters to permanently calculate and check lower mechanical stop / Threshold for actual position to release new learn cycle	1x1
Interface class instance, provides calibration parameters to permanently calculate and check lower mechanical stop / Off time to release new learn cycle	1x1
Interface class instance, provides calibration parameters to permanently calculate and check lower mechanical stop / Delay time to finish closed position learning	1x1
Interface class instance, provides calibration parameters to permanently calculate and check lower mechanical stop / Threshold for maximum drift of actual learned voltage value related to previous learned value	1x1
interface class powersave / threshold for control deviation	1x1
interface class powersave / threshold of desired value	1x1
interface class powersave / enable switch for wake up in postdrive	1x1
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instance of the interface class limitiation of the duty cycle when approaching the lower mechanical stop / lower duty cycle limit	1x1
instance of the interface class limitiation of the duty cycle when approaching the lower mechanical stop / release switch	1x1
instance of the interface class for the longterm adaptation value at driving to lower mechanical stop by ramping / release switch to use long term adaptation value	1x1
Interface class with parameters for sensor healing / Codeword for activation of sensor healing (not for GS ETB)	1x1
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interface class stream influences / duty cycle for feedforward control of the exhaust gas pressure	4x1
interface class stream influences / duty cycle for feedforward control of the exhaust gas mass flow	4x1
Interface class instance, provides calibration parameters to calculate a temporary offset at lower mechanical stop / Valve speed threshold to start calculation of temporary adaptation	1x1
Interface class instance, provides calibration parameters to calculate a temporary offset at lower mechanical stop / Control deviation threshold to stop calculation of temporary adaptation	1x1
Interface class instance, provides calibration parameters to calculate a temporary offset at lower mechanical stop / Duty Cycle threshold to start calculation of temporary adaptation	1x1
Interface class instance, provides calibration parameters to calculate a temporary offset at lower mechanical stop / Duty Cycle threshold to stop calculation of temporary adaptation	1x1
Interface class instance, provides calibration parameters to calculate a temporary offset at lower mechanical stop / Threshold for desired position to release temporary adaptation check	1x1
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Position Controller of the turbocharger number one / precontroller parameter	1x1
Position Controller of the turbocharger number one / precontroller parameter	1x1
Position Controller of the turbocharger number one / precontroller parameter	1x1
Position Controller of the turbocharger number one / precontroller parameter	1x1
Position Controller of the turbocharger number one / precontroller parameter	1x1
Position Controller of the turbocharger number one / conversion factor between AirActr and ETCParEsTool	1x1
Position Controller of the turbocharger number one / gain of d part (on actual position)	1x1
Position Controller of the turbocharger number one / threshold for calculation of the d part	1x1
Position Controller of the turbocharger number one / gain of d part	1x1
Position Controller of the turbocharger number one / threshold anti wind up	1x1
Position Controller of the turbocharger number one / gain of d part	1x1
Position Controller of the turbocharger number one / threshold anti wind up	1x1
Position Controller of the turbocharger number one / gain of i part at slow trajectory	1x1
Position Controller of the turbocharger number one / step size for adaptation of the integral part	1x1
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Position Controller of the turbocharger number one / loop gain	1x1
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Position Controller of the turbocharger number one / Factor for the delay part of the PD-T1	1x1
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Position Controller of the turbocharger number one / increment for ramped desired value	1x1
Position Controller of the turbocharger number one / threshold of absolute control deviation for slow trajectory	1x1
Position Controller of the turbocharger number one / offset to bring desired value under threshold	1x1
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Position Controller of the turbocharger number one / threshold of the gradient of the trajectory to detect a slow trajectory	1x1
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Position Controller of the turbocharger number one / upper limit for the duty cycle	1x1
Position Controller of the turbocharger number one / lower limit for the duty cycle	1x1
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Position Controller of the turbocharger number one / upper limit Duty cylce for feedforward of the gear box	1x1
Position Controller of the turbocharger number one / lower limit Duty cylce for feedforward of the gear box	1x1
Position Controller of the turbocharger number one / lower threshold for control deviation	1x1
Position Controller of the turbocharger number one / maximum duty cycle at offset learning	1x1
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Position Controller of the turbocharger number one / Threshold for deviation between desired value and trajectory at which fast feed forward becomes active	1x1
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Position Controller of the turbocharger number one / activate nonlinear feedforward	1x1
Position Controller of the turbocharger number one / release switch	1x1
Position Controller of the turbocharger number one / time constant of the P-T1 in the PD-T1	1x1
Position Controller of the turbocharger number one / filter time constant	1x1
Position Controller of the turbocharger number one / filter time constant	1x1
Position Controller of the turbocharger number one / filter time constant for switching between filter times of the feed forward	1x1
Position Controller of the turbocharger number one / time constant for friciton model	1x1
Position Controller of the turbocharger number one / time constant for friciton model	1x1
Position Controller of the turbocharger number one / filter time feedforward	1x1
Position Controller of the turbocharger number one / filter time for faster feedforward	1x1
Position Controller of the turbocharger number one / filter time feedforward	1x1
Position Controller of the turbocharger number one / filter time for faster feedforward	1x1
Position Controller of the turbocharger number one / filter time feedforward	1x1
Position Controller of the turbocharger number one / time constant for scheduling of the p part	1x1
Position Controller of the turbocharger number one / debounce time for detection of a slow trajectory	1x1
Position Controller of the turbocharger number one / time until d-part for actual position is switched off	1x1
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Public class for calculation of the actual position and execution of the diagnosis / Debounce time: Sensor 1 error	1x1
Public class for calculation of the actual position and execution of the diagnosis / Upper diagnosis threshold sensor 1	1x1
Public class for calculation of the actual position and execution of the diagnosis / Lower diagnosis threshold sensor 1	1x1
Codeword for configuration of the actuator	1x1
Codeword for configuration of the actuator	1x1
Codeword: Powerstage interface configuration bank 1	1x1
switch to activate healing of position controller errors	1x1
Switch to calibrate setpoint value manually	1x1
Switch to calibrate setpoint value manually	1x1
switch for activation of healing of DFC from last driving cycle	1x1
Reset request for the minimum and maximum values of the determined lower mechanical stop.	1x1
Debounce time for clearing a reported short circuit error	1x1
Debounce time for open load error of the powerstage	1x1
Time until residual gas pushed out at cut-off	1x1
lowpass time constant for CPV opening limitation	1x1
debounce time reset of idle request either stop disable depending of vehicle speed	1x1
min.time constant for time constant rl/rlsol-low-pass filter in the suction area	1x1
Number of synchros with initialisation value tsroh_f	1x1
initialisation value for segment duration related to 360 derees crankshaft	1x1
initialisation value for segment duration related to 360 derees crankshaft	1x1
initialisation value for segment duration related to 360 derees crankshaft	1x1
threshold time scavenging accumulated	1x1
theshold time interval scavenging	1x1
temperature threshold for pressure limitation due to tightness o-rings connection rail-injector	1x1
Temperature threshold for end of pressure limitation due to tightness o-rings connection rail-injector	1x1
value of simulated sensor wheel deviation	1x1
value of simulated sensor wheel deviation during catalyst heating	1x1
delay after cranking for enable adaptation pslm-pdss	1x1
time limit for detection of inadmissible time of engine start	1x1
time delay forcondition end of start for release of catalyst heating	1x1
threshold to avoid fault diagnosis, failure EKP or empty fuel tank	1x1
Minumim temperature to activate the early idle control at follow-up start	1x1
Delay time for decision Tank Leakage Diagnosis can not run	1x1
Test interface for header frame.	1x1
Minimum time, for which dump valve is controlled for opening	1x1
Minimum time, for which dump valve is controlled for opening, for calculating accumulation time	1x1
Time delay for detection of permanent knocking due to low-octane fuel	1x1
Time delay for resetting ignition delay due to low-octane fuel	1x1
Calibration for enablingdisabling stop request from the thermal system	1x1
Calibaration for enablingdisabling start release from the thermal system	1x1
filter time constant for fresh air temperature inside combsution chamber at angle for direct start and open inlet valve during change of position	1x1
filter time constant for fresh air temperature inside combsution chamber at angle for direct start	1x1
filter time constant for fresh air temperature inside combsution chamber at angle for direct start and open inlet valve	1x1
Delay time for enable conditions of check of tank pressure sensor for drift	1x1
time period for stabilization of low pass	1x1
maximum waiting time for request of engine running via DTESK	1x1
Delay time purge control after upstream catalyst exceeds dew-point	1x1
Delay time after engine start for activating the purge control valve	1x1
Delay timer after engine restart for activating the purge control valve	1x1
canister load is lower a threshold for this time (0.5mm)	1x1
canister load is lower a threshold for this time (1.0mm)	1x1
high canister load is lower a threshold for this time (0.5mm)	1x1
high canister load is lower a threshold for this time (1.0mm)	1x1
time for measurement of compensation gradient (0.5-mm-check)	1x1
minimum test time for rationality check of pressure sensor	1x1
overall test time for rationality check of pressure sensor	1x1
overall test time for rationality check of pressure sensor	1x1
waiting time before measurement of vacuum decay gradient (0.5-mm-Prüfung)	1x1
waiting time if pressure sensor at lower limit	1x1
delay deactivation controlled purging	1x1
delaytime for limit control	1x1
delay time for display the purge period (0.5mm check)	1x1
delay time for display the purge period (1.0mm check)	1x1
max. time since last purge period (0.5mm check)	1x1
max. time since last purge period (1.0mm check)	1x1
Delaytime for B_nmot.	1x1
time constant for filtering of the canister load factor	1x1
time for take-back the lambda controller reset from tank leak diagnosis	1x1
Delay time for lambda-controller reset after TEV closing	1x1

ECU switch off delay after end of tank leak diagnosis	1x1
ECU switch off delay after end of tank leak diagnosis in case of service bay test	1x1
time constant for lowpass filter	1x1
Threshold: minimum ambient temperature for denominator increase	1x1
Threshold: maximum ambient temperature for denominator increase	1x1
filter constant fuel mass and ambient temperature influence	1x1
Threshold for accumulated engine on time to increase denominator	1x1
delay-time for activating weighting-factor	1x1
time-constant for weighting-factor	1x1
delay time of validity of modelled oil temperature	1x1
time constant lowpass DFRM(2)_LT	1x1
timeconstant lowpassfiltering of load-dynamic	1x1
time constant of low-pass-filter grad_nmot_LT	1x1
max. duration of request of desired torque for diagnosis CPV	1x1
time constant lowpass motor temperature, tmsvm	1x1
Ambient temperature threshold for target idle RPM	1x1
Debouncing time fault detection temperature radiator output	1x1
Threshold: Minimum ambient temperature for denominator increase	1x1
Threshold: Maximum ambient temperature for denominator increase	1x1
Maximum time for the condition ""ORA expected	1x1
Time delay of the ugd condition calculated with the tolerance-bound throttle valve angle	1x1
delay overcharge cutoff, ti fade out step 1	1x1
Delay time for reset overload error	1x1
Minimum ambient temperature for diagnosis of tank pressure sensor.	1x1
Minimum ambient temperature for diagnosis CPV	1x1
minimum ambient temperature for release of catalyst heating	1x1
min. ambient temp. for TKA Stuckcheck	1x1
initial value of ambient temperature	1x1
Ambient temperature limit for tank leak diagnosis	1x1
upper TUMG-threshold for evap system monitoring	1x1
lower TUMG-threshold for evap system monitoring	1x1
delay time before closing of canister vent valve (0.5-mm-check)	1x1
delay time to inhibit purge control, high canister load	1x1
delay time to inhibit purge control 2. purge line, high canister load	1x1
delay time to inhibit purge control homogeneous, high canister load	1x1
delay time to inhibit purge control, low canister load	1x1
delay time to inhibit purge control 2. purge line, low canister load	1x1
delay time to inhibit purge control homogeneous, low canister load	1x1
Time delay for change of injection mode	1x1
Delay time for bridging the short absence of B_GSCH	1x1
delay after start for model validation	1x1
delay time to recognize engine stop	1x1
delay time for retrigger of cold soak condition	1x1
delay time for ban of stop	1x1
delay time for reset of ban of stop	1x1
delay time after closing of the throttle	1x1
Max. delay time of DK prediction	1x1
time for delta engine speed without ignition angle intervention	1x1
delay time for pressure threshold during error simulation	1x1
Time constant for healing of pressure sensor error	1x1
Time constant debounce of min error of pressure sensor.	1x1
Time constant for healing of pressure sensor error	1x1
Time constant debounce of min error of pressure sensor.	1x1
Time constant debounce of max error of pressure sensor.	1x1
Debouncing time of high pressure sensor signal range check	1x1
Time constant for healing of pressure sensor error	1x1
Time constant for healing range check of pressure sensor error	1x1
delay time for healing	1x1
delay time for sig error	1x1
Waiting time from release of DSM to opening CPV for pressure check	1x1
Waiting time from release of DSM to opening CPV for pressure check	1x1
Waiting time from release of DSM to opening CPV for pressure check turbo path	1x1
Waiting time from release of DSM to opening CPV for pressure check turbo path	1x1
delay time for injection restart after suppression	1x1
Delay time vehicle speed for plaus. tank fluid level	1x1
time delay of condition B_stend for evaluation of ambient temperature (catalyst heating)	1x1
delay time until actualisation of ftsalt_w after validation	1x1
delay time fuel level sensor diagnostic	1x1
debounce time for ""physical range check	1x1
Delay time fuel level tank valid	1x1
Delay for sampling fuel level value after value is valid	1x1
Turn ON timer delay for B_stend	1x1
Time delay after which immediate withdrawal of air charge restriction due to component protection is possible at state of idle	1x1
lowpass time constant vfzg_LT	1x1
Delay time for torque limitation by exhaust temperature	1x1
Turn on delay time for torque limitation by exhaust temperature	1x1
Delay time for gear at torque reserve after speed undershoot	1x1
delay time after vehicle halt	1x1
delay time before refuelling - cycle	1x1
time delay after end of start for enabling the high pressure diagnostic	1x1
time delay after end of start for enabling the csers high pressure diagnostic	1x1
time delay after reset of inhibit conditions for enabling high pressure diagnistic	1x1
time delay after release of high pressure controller for enabling cold start hdr diagnostic	1x1
time threshold for start setpoint after end of start	1x1
time delay after release of high pressure controller for enabling high pressure diagnistic	1x1
Delay time for enrichment for component protection due to dynamic load	1x1
Time delay for enrichment due to critical temperatures downstream near catalyst	1x1
delay to disable proportional parameter in start	1x1
enable idle speed control after start	1x1
delay time for activation of the lambda adaption after lambda control active	1x1
Switch-off time for operating readiness for adaption factor	1x1
min. duration of a stop-inhibition for taking into account in the ORA stop-inhibition counter	1x1
delay time failure verification powerstage diagnosis ME(D) 9	1x1
delay time failure verification powerstage diagnosis ME(D) 9	1x1
delay time failure verification powerstage diagnosis ME(D) 9	1x1
delay time failure verification powerstage diagnosis ME(D) 9	1x1
delay time failure verification powerstage diagnosis ME(D) 9	1x1
delay time failure verification powerstage diagnosis ME(D) 9	1x1
time delay pressure of break booster constant	1x1
Debouncing time of high pressure sensor range check	1x1
Allowed period actual intake manifold pressure greater target intake manifold pressure until WOT reset	1x1

Hold time for increased torque reserve after engine speed drop	1x1
SA-delay time at function request ((B_fa) and gangi = 0	1x1
delay time for CPV colsing vor fuel cut off	1x1
Delay time for preventing SA in case of true B_GSCH	1x1
Maximum fuel cutoff delay time when GSH-feature is active	1x1
Disabling time for fuel cut-off during clutch engaging	1x1
delay time for fuel cut off at LSU error	1x1
delay time after cranking for fuel cut off	6x1
Time constant to filter the fuel consumption	1x1
Delay time for information canister empty-state terminated	1x1
delay time for locking of Purge control after switch off of Injection	1x1
debounce-time to reset B_teminhsp	1x1
debounce-time to set B_teminhsp	1x1
debounce-time to reset B_teminhxx	1x1
debounce-time to set B_teminhxx	1x1
delay time for enabling of empty fuel tank diagnosis	1x1
switch off time for avoidance of opearating mode switchting in range limit	1x1
delay time operating mode independent enable conditions FRA	1x1
delay time operating mode independent enable conditions ORA	1x1
Time delay until setting of B_uprmnpl	1x1
Time delay until setting of B_uprmnpl	1x1
Time delay until setting of B_uprmnpl	1x1
throshold of vehicle speed to adjust Throtthle valve actuation delay	1x1
time slice with warm engine for decrementing abo	1x1
oxygen balancing catalyst1 catalyst purge / factor correction oxygen level after stop-start	1x1
oxygen balancing catalyst1 catalyst purge / factor correction oxygen balance during engine off	1x1
oxygen balancing catalyst1 catalyst purge / minimum amount of oxygen to be purged to reset catalyst with rich sensor without change from lean to rich detected	1x1
oxygen balancing catalyst1 catalyst purge / oxygen entry into catalyst during engine off	2x1
oxygen balancing catalyst2 catalyst purge / factor correction oxygen level after stop-start	1x1
oxygen balancing catalyst2 catalyst purge / factor correction oxygen balance during engine off	1x1
oxygen balancing catalyst2 catalyst purge / minimum amount of oxygen to be purged to reset catalyst with rich sensor without change from lean to rich detected	1x1
oxygen balancing catalyst2 catalyst purge / oxygen entry into catalyst during engine off	2x1
relative i-part delta lambda gradient H2 correction primary control enable	1x1
correction factor for 02-massflow during start phase	1x1
modulation during catalyst heating	1x1
curve amplitude modulation	6x1
curve amplitude modulation over OSC	4x1
factor filter actual value with PT1 primary control continuous	1x1
factor weighting by diagnosis AFIM i-part gain controller primary control continuous	1x1
factor i-part gain controller primary control continuous	8x1
factor i-part lambda linearisation primary control continuous	9x1
factor i-part absolute OSC primary control continuous	4x1
factor i-part OSC primary control continuous	4x1
factor i-part OSC released H2 correction primary control enable	1x1
O2-source factor	1x1
scaling storage capacity catalyst 2 by catalyst 1	4x1
factor oxygen-level threshold to disable modulation during air-fuel-imbalance diagnosis	1x1
factor weighting by diagnosis AFIM p-part gain controller primary control continuous	1x1
factor p-part gain controller primary control continuous	8x1
factor p-part lambda linearisation primary control continuous	9x1
factor p-part absolute OSC primary control continuous	4x1
factor p-part OSC primary control continuous	4x1
Codebit for resetting the controller despite of checking for deletion of the fault memory only for faults which lead to a mislearning of the controller.	1x1
Codebit only for calibration purpose: By reset (Ini): Resetting the controller with the value TWCC_rICtlI- nitPriB1(2).	1x1
Codebit only for calibration purpose: By reset (by deletion of fault memory): Resetting the controller with the value TWCC_rICtlInitPriB1(2).	1x1
Codebit to enable resetting the controller during initialization.	1x1
Codebit for consideration of cold operation release of the HEGO sensor downstream catalyst	1x1
Disabling of P component based on current engine speed and air charge	1x1
Codeword for enabling restting of catalyst purge in case of restart from idle stop	1x1
Switch to setpoint application value	1x1
maximum compensated O2-mass over OSC	6x1
O2-mass modulation over OSC	6x1
mass i-part balanced from p-part primary control enable	2x1
mass i-part balanced primary control enable	2x1
mass i-part OSC release H2 correction primary control enable	1x1
minimum O2-level catalyst1 to request catalyst purge	1x1
minimum O2-level catalyst2 to request catalyst purge	1x1
maximum compensated rich gas quantity over OSC	6x1
mass p-part balanced primary control enable	2x1
speed i-part maximum primary control enable	1x1
speed i-part minimum primary control enable	1x1
speed P- part maximum primary control enable	1x1
speed P- part minimum primary control enable	1x1
model OSC catalyst1 catalyst purge / correction of maximum oxygen storage capacity for catalyst purge if sensor not ready for operation	1x1
model OSC catalyst1 catalyst purge / Catayst ageing and temperature dependant correction of maximum oxygen storage capacity for catalyst purge if sensor not ready for operation	5x5
model OSC catalyst1 catalyst purge / correction of maximum oxygen storage capacity for catalyst purge if sensor ready for operation	1x1
model OSC catalyst1 catalyst purge / Catayst ageing and temperature dependant correction of maximum oxygen storage capacity for catalyst purge if sensor ready for operation	5x5
model OSC catalyst1 catalyst purge / Codebit for selection of catalyst ageing and temperature dependant correction of maximum oxygen storage capacity for catalyst purge	1x1
model OSC catalyst2 catalyst purge / correction of maximum oxygen storage capacity for catalyst purge if sensor not ready for operation	1x1
model OSC catalyst2 catalyst purge / Catayst ageing and temperature dependant correction of maximum oxygen storage capacity for catalyst purge if sensor not ready for operation	5x5
model OSC catalyst2 catalyst purge / correction of maximum oxygen storage capacity for catalyst purge if sensor ready for operation	1x1
model OSC catalyst2 catalyst purge / Catayst ageing and temperature dependant correction of maximum oxygen storage capacity for catalyst purge if sensor ready for operation	5x5
model OSC catalyst2 catalyst purge / correction of maximum oxygen storage capacity for catalyst purge if sensor ready for operation	1x1
model OSC catalyst2 catalyst purge / Catayst ageing and temperature dependant correction of maximum oxygen storage capacity for catalyst purge if sensor ready for operation	5x5
model OSC catalyst2 catalyst purge / Codebit for selection of catalyst ageing and temperature dependant correction of maximum oxygen storage capacity for catalyst purge	1x1
relative dynamik set point initialize primary control continuous	2x1
Relative dynamic set point after start initialize primary control continuous	2x1
relative i-part control value initialize primary control continuous	1x1
relative i-part decreasing load primary control enable	1x1
relative i-part delta lambda H2 correction primary control enable	1x1
relative i-part fuel by canister purge primary control enable	1x1
relative i-part increasing load primary control enable	1x1
relative i-part lambda maximum limit primary control	1x1
relative i-part lambda minimum limit primary control	1x1
relative i-part lambda scavancing primary control enable	1x1
relative i-part load maximum primary control enable	8x1
relative i-part load minimum primary control enable	8x1
relative inverse lambda linearisation primary control	15x1
relative lambda controll value maximum limit primary control continuous	1x1
relative lambda controll value minimum limit primary control continuous	1x1
relative lambda linearisation primary control	15x1
lambda setpoint map catalyst purge	4x5

threshold ratio total charge to charge in cylinder to indicate lean mixture for catalyst purge	1x1
maximum engine rotation for catalyst purge	1x1
maximum ratio total charge to charge in cylinder for fuel modulation	1x1
maximum ratio total charge to charge in cylinder for catalyst purge	1x1
relative p-part balancing delta lambda primary control continuous	7x7
relative p-part balancing hysteresis delta lambda primary control continuous	1x1
relative p-part controllable upstream primary control enable	1x1
relative p-part load maximum primary control enable	8x1
relative p-part load minimum primary control enable	8x1
threshold ratio total charge to charge in cylinder to indicate rich mixture for catalyst purge	1x1
relative set point correction global (5 supporting points)	5x1
state engine stop time catalyst purge	1x1
codeword2 TWCC_FlModln	1x1
codeword TWCC_FlModln	1x1
state global settings codeword	1x1
code word primary lambda control continous	1x1
state primary control enable code word	1x1
codeword2 catalyst purge	1x1
codeword catalyst purge	1x1
maximum catalyst temperature enable modulation	1x1
Maximum catalyst temperature to enable fuel modulation	1x1
minimum engine temperature enable modulation	1x1
debounce time to allow catalyst purge after engine on with key-start	1x1
debounce time to allow catalyst purge after engine on	1x1
Debounce time for Engine start	1x1
debounce time lambda setpoint active lambda-control upstream catalyst purge	1x1
debounce sensor-voltage reset O2-balance	1x1
Threshold of adapted Death time for switching from balanced lambda modulation to lambda modulation with fix period	1x1
time dynamik set point H2 primary control continuous	4x1
Time dynamic set point after start primary control continuous	4x1
temperature i-part global engine primary control enable	1x1
time i-part debounce fuel cut off for disable i-part when deceleration without fuel cut off	1x1
time i-part debounce idle speed for disable i-part when deceleration without fuel cut off	1x1
time i-part debounced load gradient primary control enable	1x1
depounce time rotation speed and load primary control enable	1x1
time i-part lambda gradient H2 correction primary control enable	1x1
time i-part lambda switsch H2 correction primary control enable	1x1
time i-part disable i-part when deceleration without fuel cut off	1x1
time low pass load gradient second fuel primary control enable	1x1
time low pass actual value primary control continuous	4x1
temperature i-part maximum primary control enable	1x1
minimum period-time balanced modulation	1x1
temperature i-part system minimum primary control enable	2x1
temperature i-part minimum service test primary control enable	1x1
time p-part debounced controllable upstream primary control enable	1x1
time p-part debounced lambda=1 direct primary control enable	1x1
time p-part debounced lambda=1 error primary control enable	1x1
Debounce time rotation speed and load primary control enable	1x1
period-time lambda amplitude value	1x1
time p-part low pass controllable upstream primary control enable	1x1
maximum time waiting for rich mixture	1x1
time ramp down lambda for catalyst purge	1x1
Delay time end of start reached, combustion engine runs on its own power	1x1
Threshold of adapted Transition time for switching from balanced lambda modulation to lambda modulation with fix period	1x1
Time after end of startup for reset of O2 level U cat	1x1
maximum temperature for catalyst purge	1x1
temperature p-part maximum primary control enable	1x1
temperature p-part system minimum primary control enable	2x1
temperature p-part minimum service test primary control enable	1x1
upper threshold sensor-voltage for reset	1x1
lower threshold sensor-voltage for reset	1x1
Threshold sensor voltage for reset O2 level U cat after end of startup	1x1
upper threshold sensor-voltage abort rich period	1x1
lower threshold sensor-voltage abort lean period	1x1
voltage set point for application primary control	1x1
voltage set point map primary control	6x6
O2-filled catalyst1 minimum threshold sensor voltage	1x1
O2-empty catalyst1 maximum threshold sensor voltage	1x1
Factor enleanment for IUMPR simulation of catalyst monitoring	1x1
Factor enrichment for IUMPR simulation of catalyst monitoring	1x1
Ratio between OSC and RSC	1x1
CodeBit: Pass Test for arithmetic filter activated	1x1
Codeword for activation of Moving average for catalyst diagnosis for several trips (EWMA-Filter)	1x1
Codebit: Correction of OSC-measurement depending on the sensordynamics of oxygensensor downstream catayst	1x1
Codebit: Correction of RSC-measurement depending on the sensordynamics of oxygensensor downstream catayst	1x1
Number of measurements for Stepchange evaluation	1x1
calculation of borderline OSC, 1st cat. bank 1 / map of end of life catalyst	8x8
Number of measurements in short trip	1x1
Number of measurements per DCY	1x1
Relative change to confirm EWMA step chance	1x1
Relative change to trigger EWMA step chance	1x1
OSC catalyst monitoring threshold, bank 1	1x1
Mean value of Best Performance Unacceptable Catalyst (Borderline catalyst)	1x1
Correction map for transition and delay time LeanToRich	4x4
Correction map for transition and delay time RichToLean	4x4
Lean threshold for downstream sensor signal to end lean phase of cat monitoring	1x1
Rich threshold for downstream sensor signal to end phase of RSC measuring	1x1
Initialization value of EWMA-Filter after power fail	1x1
Filter constant for EWMA filter catalyst diagnosis	1x1
Weighting time constant for filtering of reference throttle blade position	1x1
time constant for filtering of reference throttle blade position	6x1
wating time from finish DTESK until start EONV	1x1
delay time for reset EONV abortion because of high canister load	1x1
key off waiting time until start of tank leak diagnosis EONV	1x1
Steps per 0,75 grad for angle+offsett guided cylinder	1x1
max.time for heat.flow requirement for faster reach Taupunktende	1x1
threshold soak time for re-start	12x1
waiting time for switching filter time contants of band filter (word)	1x1
waiting time between 0.04inch and 0.02inch diagnosis	1x1

Time delay for zyklus from comparison with boost pressure	1x1
Time delay for zyklus from comparison with boost pressure	1x1
debounce time to reset the condition limitation of delayed ignition angle due to air-based transmission intervention	1x1
Application Data Identification	14x1
Calibration Identification	16x1
ECU Hardware and Software check	1x1
BOSCH ECU Hardware Number	11x1
BOSCH ECU Hardware Version Number	1x1
BOSCH ECU Software Number	11x1
Maximum voltage value for diagnostic pressure sensor	1x1
Minimum voltage value for diagnostic pressure sensor	1x1
Min. Ubat-threshold f. release of the BSP752R-power stage diagnosis	1x1
Max. Ubat-threshold f. release of the BSP 752 R-power stage diagnosis	1x1
minimum battery voltage to start DTEV	1x1
maximum battery voltage to start DTEV	1x1
Min. system voltage below which EONV Diagnoses is not enabled	1x1
threshold of the battery voltage for the injection valve cutoff	1x1
Battery voltage threshold for the switch to substitute load signal in standard quantisation	1x1
Delta voltage for hysteresis permition of injection	1x1
Maximum allowed battery voltage control MSV	1x1
Voltage standardization for tank level signal	1x1
lower threshold for onboard battery voltage via main relay to enable injection	1x1
upper limit ubr for driving output stage of dump valve	1x1
Minimum battery voltage for fuel-level diagnostics	1x1
Maximum battery voltage for fuel-level diagnostics	1x1
maximum battery voltage for diagnosis	1x1
minimum battery voltage for evap leakage diagnosis	1x1
minimum battery voltage fuel purge control	1x1
maximum battery voltage fuel purge control	1x1
upper reference voltage threshold for diagnosis knock sensors	13x1
Reference voltage threshold for diagnosis of knock sensor loose fit detection.	13x1
lower reference voltage threshold for diagnosis knock sensors	13x1
Minimum Tank Pressure Sensor Voltage	1x1
Maximum Tank Pressure Sensor Voltage	1x1
minimum input voltage for pressure sensor upstream throttle valve diagnosis	1x1
maximum input voltage for pressure sensor upstream throttle valve diagnosis	1x1
reverse charge normal1 empirical parameter Bum TM1	1x1
reverse charge normal1 empirical parameter Bum TM2 Rich	1x1
reverse charge normal1 empirical parameter Bum TM2 Lean	1x1
CJ135 ASIC control Class / Bit mask for selecting the transition conditions from mode Normal to mode Switchon	1x1
CJ135 ASIC control Class / Bit mask for selecting the transition conditions from mode Normal to mode Warmup	1x1
CJ135 ASIC control Class / Bit mask for selecting the transition conditions from mode Switchon to mode Normal	1x1
CJ135 ASIC control Class / Bit mask for selecting the transition conditions from mode Warmup to mode Normal	1x1
CJ135 ASIC control Class / Bit mask for selecting the transition conditions from mode RvsChrg to mode Normal_Std	1x1
CJ135 ASIC control Class / Bit mask for selecting the transition conditions from mode Normal_Std to mode RvsChrg	1x1
CJ135 ASIC control Class / Bit mask for selecting the transition conditions from mode Switchon to mode Warmup	1x1
CJ135 ASIC control Class / Bit mask for selecting the transition conditions from mode Warmup to mode Switchon	1x1
reverse charge normal1 empirical parameter current offset	1x1
reverse charge normal1 empirical paramtere FMbumM	1x1
reverse charge normal1 empirical paramtere FMbumP	1x1
reverse charge normal1 empirical parameter Moff	1x1
reverse charge normal1 empirical paramtere FMbumP	1x1
reverse charge normal1 empirical parameter Moff	1x1
reverse charge normal1 empirical parameter MUape TM1	1x1
reverse charge normal1 empirical parameter MUape TM2 Rich	1x1
reverse charge normal1 empirical parameter MUape TM2 Lean	1x1
reverse charge normal1 empirical parameter Mum TM1	1x1
reverse charge normal1 empirical parameter Mum TM2 Rich	1x1
reverse charge normal1 empirical parameter Mum TM2 Lean	1x1
empiric conductivity factor of the measured pump voltage Up0	1x1
Number of critical packets with active blackening protection	1x1
Number of negative overshoots of continuity measurement values Ugx	1x1
Number of positive overshoots of continuity measurement values Ugx	1x1
Maximum number of measurement of the pump current in limitation	1x1
replacement value for sensor capacitance of the inner electrode	1x1
Initialization value capacitor in the pin between CJ135 and sensor	1x1
max. value capacitor in the pin between CJ135 and sensor	1x1
min. value capacitor in the pin between CJ135 and sensor	1x1
increase gradient of the heater voltage during ramp phase in open-loop-control	1x1
Correction factor delta Sigma converter	4x1
Correction factor delta Sigma converter	4x1
Correction factor delta Sigma converter	4x1
Correction factor delta Sigma converter	4x1
Correction factor delta Sigma converter	4x1
Correction factor delta Sigma converter	4x1
Filter time constant for C Measurement	1x1
Filter time constant for Ui Measurement	1x1
Filter Constant for Delta Un0	1x1
correction factor of gradient of heater voltage in ramp phase at open load error	1x1
factor to estimate the heater resistor	1x1
Filter time constant for Fcal measurement	1x1
control amplification heater control D-part	1x1
control amplification heater control I-part	1x1
control amplification heater control D-part	1x1
control amplification heater control I-part	1x1
control amplification heater control P-part	1x1
Filter time constant for delta pump current calculation	1x1
filter time constant	1x1
Filter time constant of the pump current (raw value)	1x1
filter time constant	1x1
lean pressure correction curve	10x1
rich pressure correction curve	10x1
filtering factor for calculation of plug resistor	1x1
filter constant Ria	1x1
filter constant Rie calculation	1x1
Ini value ratio Rie, Ria	1x1
filter time constant Ripd filter	1x1
filter constant Rip	1x1
UEGO_facRixQuoFltConst_C	1x1
temperature correction curve	11x1
correction factor for maximum time for curve phase at open load error	1x1
correction factor for maximum time for hold phase at open load error	1x1
Filter time constant for Uape value	1x1

filter constant Ucal measurement	1x1
correction factor for heater voltage for curve phase at open load error	1x1
filter constant Ug0 Measurement	1x1
Filter time constant for Ugi value	1x1
filter time constant	1x1
correction factor for heater voltage for hold phase at open load error	1x1
filter contant for up0 measurement	1x1
filter time constant for raw pump voltage.	1x1
Filter time constant for Up0 value	1x1
correction factor for heater voltage for ramp phase at open load error	1x1
condition C measurement deactivated	1x1
Class heater power diagnosis sensor 1 bank 1 / Codeword diagnosis heater power	1x1
Class heater power diagnosis sensor 1 bank 1 / Minimum temperature of sensor ceramic for low diagnosis	1x1
Class heater power diagnosis sensor 1 bank 1 / Minimum operational sensor ceramic temperature for start and permanent diagnosis	1x1
Class heater power diagnosis sensor 1 bank 1 / Temperatur exhaust gas for low diagnosis release	1x1
Class heater power diagnosis sensor 1 bank 1 / Temperatur exhaust gas for permanent diagnosis release	1x1
Class heater power diagnosis sensor 1 bank 1 / Temperature pipe wall modelled for healing heater power error from service tester	1x1
Class heater power diagnosis sensor 1 bank 1 / Temperature pipe wall modelled for healing heater power error	1x1
Class heater power diagnosis sensor 1 bank 1 / Temperature pipe wall modelled for releasing the healing of start diagnosis	1x1
Class heater power diagnosis sensor 1 bank 1 / Debounce time for delay healing at high pipe wall temperatures at service tester demand	1x1
Class heater power diagnosis sensor 1 bank 1 / Debounce time for delay healing at high pipe wall temperatures	1x1
Class heater power diagnosis sensor 1 bank 1 / Debounce time for delay healing at high pipe wall temperatures at service tester demand	1x1
Class heater power diagnosis sensor 1 bank 1 / Debounce time for delay healing at high pipe wall temperatures	1x1
Class heater power diagnosis sensor 1 bank 1 / Delay time after fuel cut off until release low diagnosis	1x1
Class heater power diagnosis sensor 1 bank 1 / Delay time after fuel cut off until release permanent diagnosis	1x1
Class heater power diagnosis sensor 1 bank 1 / Delay time until release permanent diagnosis	1x1
Class heater power diagnosis sensor 1 bank 1 / Delay time after sensor readiness	1x1
Class heater power diagnosis sensor 1 bank 1 / Delay time for low temperatur errors	1x1
Class heater power diagnosis sensor 1 bank 1 / Duration time until permanent diagnosis is complete	1x1
Class heater power diagnosis sensor 1 bank 1 / Delay time after sensor has reached temperatur	1x1
Class heater power diagnosis sensor 1 bank 1 / Factor to Duration of Start Diagnosis calculated depending on battery voltage	5x1
Class heater power diagnosis sensor 1 bank 1 / Delay time until locking start diagnosis in case of bad environment conditions	1x1
Class heater power diagnosis sensor 1 bank 1 / Voltage threshold heater lambdasensor for permanent diagnosis release	1x1
heater control sensor 1 bank 1 / status, codeword for heater control	1x1
heater control sensor 1 bank 1 / heater voltage of open loop control during curve phase	10x1
heater control sensor 1 bank 1 / heater voltage at hold phase, so start value of ramp phase	5x1
Maximum deviation of the measured Isq value from the setpoint	1x1
Max. deviation of the measured current source Isq	1x1
Maximum deviation of the measured Isqr value from the setpoint	1x1
index allocation cycle CJ135 to the measured value	5x1
index allocation cycle CJ135 to the measured value	5x1
index allocation cycle CJ135 to the measured value	5x1
index allocation cycle CJ135 to the measured value	5x1
index allocation cycle CJ135 to the measured value	15x1
Assignment sensor specific data to HWE sensor 1 bank 1	1x1
Assignment sensor specific data to HWE sensor 1 bank 1	1x1
Assignment sensor specific data to HWE sensor 1 bank 1	1x1
Assignment sensor specific data to HWE sensor 1 bank 1	1x1
Assignment sensor specific data to HWE sensor 1 bank 1	1x1
Assignment sensor specific data to HWE sensor 1 bank 1	1x1
Assignment sensor specific data to HWE sensor 1 bank 1	1x1
Assignment sensor specific data to HWE sensor 1 bank 1	1x1
sensor type sensor 1 bank 1	1x1
index allocation cycle CJ135 to the measured value	5x1
index allocation cycle CJ135 to the measured value	5x1
empirical reverse charge current (offset) TM1 Lean	1x1
empirical reverse charge current (offset) TM1 Rich	1x1
empirical reverse charge current (offset) TM2 Lean	1x1
empirical reverse charge current (offset) TM2 Rich	1x1
empirical reverse charge current factor TM1 Lean	1x1
empirical reverse charge current factor TM1 Rich	1x1
empirical reverse charge current factor TM2 Lean	1x1
empirical reverse charge current factor TM2 Rich	1x1
empirical current remain at pin APE	1x1
empirical current remain at pin IPE	1x1
empirical current remain at pin MES	1x1
empirical current remain at pin RE	1x1
reference Isq value for calculation of digital PID parameters	1x1
UEGO_IntfrCorrn_CUR	5x1
calculation of Lambda sensor 1 bank 1 / Codeword for adjustment of oxygen sensor filter and - delay	1x1
Hysteresis delta for deactivation of filter over syncro values by engine speed	1x1
Upper engine speed threshold for activation of filter over syncro values	1x1
Lower engine speed threshold for activation of filter over syncro values	1x1
Number of test pulse in on driving cycle	1x1
Number of test pulse in on driving cycle	1x1
max. threshold engine speed for the adaption RvsChrg	1x1
min. threshold engine speed for the adaption RvsChrg	1x1
Dwell time for one analysis step	1x1
Minimal dwell time in mode IDLE in diagnosis operation	1x1
Dwell time in mode Normal1	1x1
Maximum allowed waiting time until the requested mode is set	1x1
number of reference pulse started	1x1
number of reference pulse stopped	1x1
number of reference pulse started	1x1
disable DSP diagnosis	1x1
engine setpoint	1x1
converted set value for CJ135 register (part) FU0HYS	1x1
converted set value for CJ135 register (part) FUsks	1x1
converted set value for CJ135 register (part) ipblack	1x1
set value CJ135 register IPOFF for C measurement	1x1
set value CJ135 register IPOFF for C measurement	1x1
register setting for IPOFF during ip pulses	1x1
converted set value for CJ135 register (part) ipoff	1x1
set value CJ135 register IPOFF for ui measureme	1x1
set value CJ135 register IPOFF for ui measureme	1x1
set value CJ135 register IPOFF for ui measureme	1x1
converted set value for CJ135 register (part) ipset	1x1
set value CJ135 registerpart IPSM	1x1
set value CJ135 registerpart IPSM	1x1
converted set value for CJ135 register (part) ipsm	1x1
set value CJ135 registerpart TRIMSQ for C measurement	1x1

set value CJ135 registerpart TRIMSQ for C measurement	1x1
converted set value for CJ135 register (part) isq diag	1x1
converted set value for CJ135 register (part) isq diag	1x1
converted set value for CJ135 register (part) isq diag	1x1
converted set value for CJ135 register (part) isq diag	1x1
converted set value for CJ135 register (part) TRIMSQr for standard operation	1x1
converted set value for CJ135 register (part) TRIMSQ for standard operation	1x1
converted set value for CJ135 register (part) TRIMSQ for standard operation	1x1
direct set value for CJ135 register (part) MK for a not-cold sensor	1x1
direct set value for CJ135 register (part) MK for a cold sensor	1x1
set value CJ135 registerpart PATTERN for C measurement	1x1
set value CJ135 registerpart PATTERN for C measurement	1x1
direct set value for CJ135 register (part) PATTERN	1x1
set value CJ135 registerpart PATTERN for ui measurement	1x1
set value CJ135 registerpart PATTERN for ui measurement	1x1
direct set value for CJ135 register (part) REFPAT for mode Normal1 in diagnosis loop	1x1
direct set value for CJ135 register (part) REFPAT for mode WarmUp in diagnosis loop	1x1
Maximum number of rejected requests to the HWE	1x1
converted set value for CJ135 register (part) UNSET for standard operation	1x1
converted set value for CJ135 register (part) UNSET before switching	1x1
converted set value for CJ135 register (part) UP0LEAN	1x1
converted set value for CJ135 register (part) UP0RICH	1x1
direct set value for CJ135 register (part) URIA	1x1
direct set value for CJ135 register (part) URIA	1x1
min. Number of Ria calculation	1x1
min. Number of Rie calculation	1x1
minimum number of Ripd measurements for release	1x1
minimum number of Rip measuerements for valid signal	1x1
physical controller parameter D for standard case	1x1
physical controller parameter I for standard case	1x1
physical controller parameter P for standard case	1x1
physical controller parameter RF for standard case	1x1
physical controller parameter D for start set if activated	1x1
physical controller parameter I for start set if activated	1x1
direct set value for CJ135 register (part) Un Control	1x1
physical controller parameter RF for start set if activated	1x1
Threshold for scavenging rate for lambda signal quality	1x1
Common mode correction ratio	1x1
max. deviation of the measured ratio pump current	1x1
Threshold for scavenging rate for activation of filter over syncro values	1x1
Calibration ratio for UEGO	1x1
Maximum duty cycle for LSU Heater at power stage error	1x1
Maximum duty cycle for LSU-Heater	1x1
Minimum dutycycle diagnosis powerstage LSU heater	1x1
max. Duty cycle for Ui measurement in Lambda1 learning area	1x1
max. Duty cycle for Ui measurement in lean learning area	1x1
max. Duty cycle for Ui measurement in rich learning area	1x1
max. Duty cycle for Ui measurement in spezific learning area	1x1
min. Duty cycle for Ui measurement in Lambda1 learning area	1x1
min. Duty cycle for Ui measurement in lean learning area	1x1
min. Duty cycle for Ui measurement in rich learning area	1x1
min. Duty cycle for Ui measurement in spezific learning area	1x1
air fuel ratio threshold for sensor mounted diagnosis	1x1
Max lambda threshold for diagnosis release	1x1
Hysteresis delta for deactivation of filter over syncro values by scavenging rate	1x1
resistor RCAL in ecu	1x1
pump current curve resistance on sensor adjustment	1x1
Ohmic resistance of the EMC ferrites at the SG-Pins APE IR IPE MES	1x1
Ohmic resistance of the EMC ferrites at the SG-Pins APE IR IPE MES	1x1
Minimum sensitivity of the measurements of Ug0iai and Ug0iei to the resistance RGnd	1x1
resistance on pin RG	1x1
resistance on pin RG	1x1
resistance on pin RG	1x1
correction map Ria = f(Ri) im Switchon	8x1
correction map Ria = f(Ri) im Warmup	8x1
Pump current to resistance Curve for TM2R Mode	20x1
Pump current Ip dependent correction characteristic curve for the Rie calculation	20x1
correction map Rie = f(Ri) im Normalmode	8x1
correction map Rie = f(Ri) im Warmup	8x1
maximum inner resistance Rie for MK swicthing during WarmUp	1x1
correction map Ripd = f(Ip)	20x1
correction curve Rip in dependency from Ip	20x1
pump current dependent correction for inner resistance measurement at pump cell for switching state Z2	20x1
resistance between pin APE and pin MES	1x1
resistance for sensor adjustment	1x1
resistance for sensor adjustment	1x1
switch resistance Rsga, Rspa	1x1
Switch resistance Rsga and Rspa	1x1
maximum heater resistor	1x1
minimum heater resistor	1x1
Heater resistor depending of the environment temperature	3x1
MAP cross sensitivity correction in Lambda for Homogeneous operation mode	10x1
Lambda correction regarding Valve outlet shift	10x1
Curve pump current Ip to reciprocal lambda	25x1
Curve lambda shift regarding scavenging	7x1
resistor wirering of the heater	1x1
Maximum allowed resistance Rmeas	1x1
UEGO_rParlMax_C	1x1
Minimum allowed parallel resistance	1x1
Codeword for Feauture activation function UEGO_CJ135Ctl for Bank 1 Sensor 1	1x1
Codeword for Feauture activation of function UEGO_CJ135Ctl	1x1
Code word for Deactivate temperature dependence on reference pump current (isqr) during warm-up phase	1x1
Codeword for deactivation of ASIC diagnosis	1x1
Codeword for deactivation of sensor diagnostics	1x1
Codeword for deactivatioin of SPI diagnosis	1x1
Code word for function UEGO_CJ135DiagWire	1x1
Codeword for feature activation of function UEGO_CJ135Dia	1x1
enabling of pump current evaluation	1x1
code word for PIDSwitch	1x1

status word for RTEval-configuaration	1x1
Deactivation of fault patterns of the cable diagnosis at chip shutt-offs	1x1
Codeword for deactivation of wire diagnosis	1x1
Codeword for UEGO_HtrPSCtl	1x1
Codewort	1x1
Codeword Diagnosis Powerstage Heater LSU	1x1
Deactivation control of relay for heater of lambda sensor	1x1
Deaktivation of diagnosis of power stage of relay of heater from lambda sensor depending on system contdition	1x1
Enable diagnosis heater relay powerstage	1x1
Bit mask for selecting pump current release conditions (sensor 1, bank 1)	1x1
Code word function UEGO_IpPhysCor	1x1
code word for UEGO_LamCalc	1x1
level of signal quality for sensor readiness bit B_sbblsu	1x1
bit mask for general lambda release	1x1
Code word for the activated learning areas	1x1
bit mask for physical O2 release	1x1
Bit string defining the operation at low battery voltages	1x1
Bit string defining the operation at low battery voltages	1x1
Bit string defining the operation at low battery voltages	1x1
Bit mask for selecting operating release conditions (sensor 1, bank 1)	1x1
Condtion for sensor readiness for operation release	1x1
Bit mask for selecting operating release conditions (sensor 1, bank 1)	1x1
Condtion for sensor readiness for operation release	1x1
Bit mask to reset sensor operation release in case of MSA or during engine restart.	1x1
Switch to activate the Dynamic Error simulation sensor 1 bank 1	1x1
Switch off relay for heater lambda sensor at T15 off	1x1
Switch to select the test puls mode	1x1
switch to send PID	1x1
calibration switch for starting ip pulses	1x1
Threshold for the invalid temperature ceramic	1x1
temperature set point for heater control	1x1
temperature set point for heater control	1x1
deviation of temperature set point to reset increased heater power demand	1x1
deviation of temperature set point to set increased heater power demand	1x1
Temperature engine for release start diagnosis	1x1
UEGO_tFacRieRiaMax_C	1x1
UEGO_tFacRieRiaMin_C	1x1
temperature threshold for end of curve phase of closed loop heater control	1x1
temperature threshold for release of closed loop heater control	1x1
Time window for fast Lambda release after ASIC shut-off.	1x1
Time between two test pulses during electrical fault	1x1
Time between two test pulses during electrical fault	1x1
Time between two test pulses during overtemperature fault	1x1
Time between two test pulses during overtemperature fault	1x1
cycle period for switching of CJ135 registers OFF and REF	1x1
UEGO_tiConFil_C	1x1
UEGO_tiConFolLeanRich_C	1x1
UEGO_tiConFolRichLean_C	1x1
UEGO_tiConHold_C	1x1
UEGO_tiConTrigFil_C	1x1
Cebounce time for error suspicion detection sensor at air	1x1
Cebounce time for error detection sensor at air	1x1
Cebounce time for error detection sensor at air	1x1
time for diagnosis no refpat norm1	1x1
Time delay after inhibit of diagnosis report	1x1
Time delay after inhibit of diagnosis report	1x1
time for contol out of operaion	1x1
Time Delay to reset the Delta Un0 validity flag when there is no Un0 value available	1x1
Duration of Turn On delays for Delta-Un conditions (CJ135Ctl)	1x1
Time delay after short time pump control shut off	1x1
delay if the engine off time is not reseted synchoneouse with the engine stop	1x1
Delay time of ASIC errors	1x1
Delay time of the pump current limitation detection fault	1x1
Switch-on delay time of the SPI fault during other transmissions	1x1
Delay time of Ugx measurement detection fault	1x1
Delay time after function request from service tester	1x1
turn off delay of closed loop heater control if power stage is switched off	1x1
Timedelay to switch on the relay for heater of lambda sensor	1x1
delay time for battery voltage out of range	1x1
time delay for the validity of pump current	1x1
Delay time for a valid reference pump current (isqr) depending on the warm-up phase temperature	1x1
Delay time to indicate new package is missing	1x1
Turn-off delay time of blackening protection detection	1x1
delay time end of open loop heating up	1x1
Turn-on delay time of blackening protection detection	1x1
Cycle time of the periodic diagnosis operation at inhibition of dew point release	1x1
minimum duration of start PID parameter set before switch to standard set	1x1
delay time before switching to standard PID parameter set after reaching of activation conditions	1x1
delay time for temperature validity status	1x1
Turn-On delay for the Status low battery voltage after Engine restart.	1x1
Delaytime increased heater power demand	1x1
delay time after heating up phase until sensor is respected as hot	1x1
Turn-On delay for the Status sufficient battery voltage after Engine restart.	1x1
time delay for switch ON	1x1
Turn-On delay for the Status sufficient battery voltage after Engine restart.	1x1
time delay for switch ON	1x1
delay time for TM2 oscillations	1x1
Duration of the Turn On delay for detecting low sensor temperature	1x1
delay time for blackening protection indication	1x1
delay time fir ip deactivated indication	1x1
Time delay when the battery volatage decreases below the sufficient battery voltage	1x1
Time delay when the battery volatage exceeds the maximum battery voltage	1x1
Time delay when the battery volatage decreases below the minimum battery voltage	1x1
Time delay before diagnosis report release	1x1
UEGO_tiDly_C	1x1
Time delay after short time pump control shut off	1x1
Time delay after short time pump control shut off	1x1
Minimum engine stop time for healing release of start diagnosis	1x1
Minimum engine stop time for healing release of start diagnosis	1x1
delay time for release Fld_CJ135RvsChrgMeas	1x1
maximum time for curve phase of open loop heater control	1x1
period of hold phase in open loop heater control	1x1
Period duration of duty cylce for heater power stage of lambdasensor	1x1
UEGO_tiHoldLeanRich_C	1x1

UEGO_tiHoldRichLean_C	1x1
Time factor for the low pass filter of sensor 1 bank 1	1x1
Delay time required for the pump current signal of sensor 1 bank 1	1x1
Time delay for O2 signal release after setting IP signal validity	1x1
duration time in each state during ip pulses	1x1
time delay for start of reference pump current.	1x1
Time duration like UEGO_tiLamRels_C but corresponding to faster lambda release during engine restart	1x1
Delay time after release by the Fld_UEGOIPmpTRels	1x1
UEGO_tiLamSmotng_C	1x1
Min. time between Ui measurements	1x1
Analog-digital converter time	1x1
max. Switch-on time of the current source in TM1 without min. pulse counterpulse	1x1
Filter constant for Measured Reference voltage	1x1
cycle period 1 for switching of register part OPT	1x1
cycle period 2 for switching of register part OPT	1x1
time for regester reclc	1x1
locking time between start of different sensor heating	1x1
Time delay after exiting pump current revers mode for O2 signal release	1x1
Time delay after exiting pump current revers mode for O2 signal release	1x1
Delay time for reset flgBascCdnReld by invalid temprature info	1x1
Delay parameter for temperature invalidity.	1x1
Segment time cut off threshold for filter of segment averaged pump current values	1x1
Parameter for duration of segment	1x1
delay time, during which pump current values are smoothened after disturbation	1x1
Time delay after exiting Up control for O2 signal release	1x1
Time delay after exiting Up control for O2 signal release	1x1
time delay end of stop phase	1x1
minimum time for sustained pump current	1x1
Delay time for reset flgBascCdnReld by low temperature	1x1
max. Waiting time of the requirement to change the operating mode	1x1
max. Waiting time to the new requirement for C measurement	1x1
Min. time for Ui Measurement	1x1
Time window after engine restart for detection of ASIC in IDLE.	1x1
Time period after battery voltage is above the threshold of UEGO_uLoBattAsicHiThd_C during engine restart.	1x1
large temperature threshold of the control deviation of heater control	1x1
large temperature threshold of the control deviation of heater control	1x1
small temperature threshold of the control deviation of heater control	1x1
small temperature threshold of the control deviation of heater control	1x1
max. temperature threshold for sensor release	1x1
UEGO_tMinActvtRie_C	1x1
temperature limit for Rip measurement activation	1x1
minimum temperature for enabling pump current	1x1
Minimum temperature required for Normal mode if the temperature measurement does not have high precision	1x1
minimum temperature for enabling pump current	1x1
min. temperature threshold for sensor release	1x1
Minimum sensor temperature for release of O2 signal	1x1
PID activation time	1x1
CURVE UEGO_tRi2Temp_CUR	22x1
temperature threshold for the state: sensor hot	1x1
Temperature threshold for transition from mode Switchon to mode Warmup	1x1
activation temperature of standard UNSET register	1x1
reset temperature (hysteresis) for start UNSET register	1x1
maximum battery voltage	1x1
minimum battery voltage	1x1
Sufficient battery voltage	1x1
Initialization value delta Ui22 to Ui21	1x1
Initialization value delta Ui23 to Ui21	1x1
Initialization value delta Ui24 to Ui21	1x1
Delta-Un threshold for switching flgUnsetStdDes	1x1
Voltage of the external power supply	1x1
Maximum allowed value for uFkal1	1x1
Minimum allowed value for uFkal1	1x1
reference uFkal1 value for calculation of digital PID parameters	1x1
Maximum allowed value for uFkal2	1x1
Minimum allowed value for uFkal2	1x1
Maximum allowed value for uFkal3	1x1
Minimum allowed value for uFkal3	1x1
Maximum deviation of the contact measurements	1x1
Ground voltage offset correctio	1x1
initial threshold for negative voltage deviation during Delta Ugx check	1x1
voltage step for negative voltage deviation in delta Ugx check	1x1
initial threshold for positive voltage deviation during Delta Ugx check	1x1
voltage step for positive voltage deviation in delta Ugx check	1x1
Maximum deviation of the continuity measurements in mode NORMAL	1x1
Threshold for Battery Voltage for Release of Test Puls for Diagnosis of Heater Relay Powerstage	1x1
maximum heater voltage of the closed loop heater control	1x1
maximum heater voltage of the closed loop heater control	1x1
UEGO_uHtrEffMin_C	1x1
heater voltage during reduced heating	1x1
maximum heater voltage at the end of the ramp phase of open loop control	1x1
Holding the I-part of the heater control at fault suspicion to prevent a cooling down of the heater	1x1
activation voltage of loupe LN	1x1
deactivation voltage (hysteresis) of loupe LN	1x1
Battery voltage threshold to release sensor operation after engine restart in MSA	1x1
Battery voltage threshold to reset sensor operation due to engine restart in MSA	1x1
activation voltage of loupe LP	1x1
deactivation voltage (hysteresis) of loupe LP	1x1
Maximum allowed Nernst voltage	1x1
Nominal voltage Ucc	1x1
Initial allowed deviation for Ugxx peak filter	1x1
up0 dependent portion for reverse charge correction in cj135 mode normal 1	15x1
Reference voltage VCC3	1x1
energy threshold for the state: sensor hot	6x1
Lower fault threshold fluid level sensor in the tank	1x1
Upper fault threshold fluid level sensor in the tank	1x1
Lower HFM-Voltage threshold for diagnosis	1x1
Threshold for uhfm max failure during 1ms test.	1x1
camshaft rotations for debouncing diagnosis DHFM	1x1
camshaft rotations for debouncing diagnosis PVD	1x1

threshold for sig error, to small voltage difference	1x1
threshold for stuck check	1x1
minimum value for plausible uprm_w	1x1
maximum value for plausible uprm_w	1x1
Minimum voltage value of the radiator outlet temperature sensor	1x1
Maximum voltage value of the radiator outlet temperature sensor	1x1
Speed threshold for approach support	1x1
ratio Cp exhaust gas to fresh air	1x1
minimum velocity for plausibility check of the tank pressure sensor	1x1
maximum velocity for plausibility check of the tank pressure sensor	1x1
Codeword for adapter function %VehMot2ME	1x1
adpter curve maximum torque accelerator pedal angle	5x1
Modeled Pressure in the brake booster flag	1x1
total vehicle inertia	1x1
Engine speed threshold to detect high load condition	1x1
This is SW-CALPRM	6x1
Negative threshold slope for accelerator pedal	1x1
Positive threshold slope for accelerator pedal	1x1
Accped threshold to detect high load condition	1x1
Accelerator pedal Threshold 3.	1x1
Accped threshold above which vehicle dynamic state is set	1x1
Time delay to hold the status,after accped crosses positive or negetive threholds	1x1
Time for fast learn modus	1x1
Minimum time constant for filtering drag esimation	1x1
Characteristic line of time constant dependend from velocity	2x1
Time constant for torque filter	1x1
Maximum drag torque	1x1
Minimum velocity for drag esimation	1x1
Load threshold to detect high load condition	1x1
Load threshold	1x1
Engine speed over 3000rpm	1x1
Engine speed under 4500rpm	1x1
Engine speed over 1000rpm	1x1
Engine speed under 2000rpm	1x1
Engine speed under 1000rpm	1x1
Engine speed over 2000rpm	1x1
Engine speed under 3000rpm	1x1
engine speed threshold	1x1
Engine speed over 4500rpm	1x1
Intake manifold pressure over 450mmHG	1x1
Intake manifold pressure under 450mmHg	1x1
Intake manifold pressure under 300mmHg	1x1
Intake manifold pressure over 300mmHg	1x1
Intake manifold pressure under 450mmHg	1x1
Intake manifold pressure over 600mmHg	1x1
autorestart enabledisable calibration	1x1
Bit mask for Idle Stop off due to air conditioning	1x1
Bit mask for Idle Stop off due to AT request	1x1
Bit mask for Idle Stop off due to slope detection of AT	1x1
Bit mask for Idle Stop off due to battery charging	1x1
Bit mask for Idle Stop off due to request of brake booster	1x1
Bit mask for Idle Stop off due to DCDC converter	1x1
Bit mask for Idle Stop off due to power steering	1x1
Bit mask for Idle Stop off due to engine temperature	1x1
Bit mask for Idle Stop off due to user turned off	1x1
Bit mask for Idle Stop off due to vehicle speed condition	1x1
Initialize value for Boost pressure restriction history	1x1
engine stall mask calibration	1x1
Threshold engine coolant temperature	1x1
VehStc_tiSSEChgOfMindOff_C	1x1
calibration to set the stop trigger delay	1x1
Calibration to select the vehicle fuel consumption input	1x1
VehStc_vVehZonSeln_C	1x1
vehicle speed threshold value	1x1
Maximum number of deviations below which wheel error is detected	1x1
Minimum number of deviations above which wheel error is detected	1x1
Amount of impulses which are tolerated, during two calculation cycles of the process.	1x1
The calculated distance per impulse value	1x1
Upper limit of the tire and axle correction factor	1x1
Lower limit of the tire and axle correction factor	1x1
VehV_flgExcdLim is set to this value if the minimum speed was reached at least once in the current driving cycle	1x1
Switch for powertrain condition selection for plausibility check	1x1
Flag for heal enable condition selection	1x1
Minimun Engine Speed (Threshold) for checking PIN point Funtion	1x1
Maximum engine speed limit for vehicle speed fuel cut off plausibilisation	1x1
Minimum engine speed limit for vehicle speed fuel cut off plausibilisation	1x1
Minimum engine speed limit to enable vehicle speed V2N plausibilisation	1x1
Maximum engine speed threshold value to activate the defect enable condition	1x1
Maximum engine speed threshold value to activate the heal enable condition	1x1
Minimum engine speed threshold value to activate the defect enable condition	1x1
Minimum engine speed threshold value to activate the heal enable condition	1x1
Time scaling number for vehicle speed output	1x1
Number of teeth of Tone wheel	1x1
Structure for the PWM out signal / Minimum threshold for the duty cycle	1x1
Structure for the PWM out signal / Maximum threshold for the duty cycle	1x1
Structure for the PWM out signal / Time between tests for SCB error	1x1
Structure for the PWM out signal / Time between tests for OT error	1x1
Structure for the PWM out signal / Maximum number of tests allowed on permanent defect	1x1
Structure for the PWM out signal / Switch to enable battery correction	1x1
Rear axle drive ratio	1x1
High gear ratio for vehicle in Gear1	1x1
Low gear ratio for vehicle in Gear1	1x1
High gear ratio for vehicle in Gear2	1x1
Low gear ratio for vehicle in Gear2	1x1
High gear ratio for vehicle in Gear3	1x1
Low gear ratio for vehicle in Gear3	1x1
High gear ratio for vehicle in Gear4	1x1
Low gear ratio for vehicle in Gear4	1x1
High gear ratio for vehicle in Gear5	1x1

Low gear ratio for vehicle in Gear5	1x1
High gear ratio for vehicle in Gear6	1x1
Low gear ratio for vehicle in Gear6	1x1
High gear ratio for vehicle in Gear7	1x1
Low gear ratio for vehicle in Gear7	1x1
High gear ratio for vehicle in Gear8	1x1
Low gear ratio for vehicle in Gear8	1x1
High gear ratio for vehicle in reverse gear	1x1
Low gear ratio for vehicle in reverse gear	1x1
Maximum duty cycle for the PWM out configuration	1x1
Scale out ratio for vehicle speed output	1x1
Threshold value for the percentage deviation to detect an error	1x1
Curve for V2N ratio	6x1
vehicle configuration (all wheel drive, front wheel drive, rear wheel drive)	1x1
State of power stage voltage level for vehicle speed output	1x1
Parameter to disable vehicle speed diagnosis	1x1
Parameter to disable vehicle speed output	1x1
Parameter to inverse the output to the powerstage	1x1
Switch to select default vehicle speed when T15 is switched off	1x1
Selection between the direct distance per impulse value or the calculated value	1x1
Selection of the Plausibility Checks of the vehicle velocity (bit coded)	1x1
Switch wether condition shall be used for power plausibility check: minimum speed was reached at least once in the current driving cycle	1x1
Switch to select vehicle speed from safe input source	1x1
Switch to select vehicle speed from standard input source	1x1
Switch to select vehicle speed from standard input source	1x1
Switch for engine torque selection for plausibility check	1x1
Time constant for low pass filtering of the vehicle acceleration	1x1
Debounce time for detection of vehicle speed plausibility error via CAN	1x1
Debounce time for detection of vehicle speed plausibility error from fuel cut off plausibility check	1x1
Debounce time for detection of vehicle speed plausibility error from fuel power plausibility check	1x1
Maximum period to output vehicl speed pulse	1x1
Miniimum period to output vehicl speed pulse	1x1
Max. period duration of vehicle speed sensor signal	1x1
Phase timer value of PWM signal for vehicle speed output	1x1
Debounce time for power plausibility defect enable condition	1x1
Debounce time for power plausibility healing enable condition	1x1
Turn on delay for accepting the vehicle speed PWM signal when T15_st is turned ON.	1x1
Debounce time for detection minimum speed was reached at least once in the current driving cycle	1x1
Turn on delay for using the old value for vehicle speed when the jitters are there in the signal.	1x1
Threshold time to enable V2N plausibilisation check reporting	1x1
PT1 filter time constant for the vehicle speed used in acceleration calculation	1x1
Time constant for low pass filtering of the vehicle speed	1x1
Time Delay for setting the Sensor Error	1x1
Engine torque threshold for detecting the plausibility error in vehicle speed	1x1
Engine torque threshold for healing the plausibility error in vehicle speed	1x1
Minimum engine temperature limit above which vehicle speed fuel cutoff plausibilisation is enabled	1x1
Minimum engine temperature limit above which vehicle speed power plausibilisation is enabled	1x1
Default value for OBD relevent vehicle speed in case of permanent error	1x1
Default vehicle speed value in case the sensed vehicle speed crosses Min or Max limits	1x1
Default value for VehV_vSens when T15 is Off	1x1
Default front left wheel speed when CAN signal is not valid	1x1
Default value for VehV_vSens when T15 is Off	1x1
Default front left wheel speed when CAN signal is not valid	1x1
Default front right wheel speed when CAN signal is not valid	1x1
Top_Vehicle_Speed_Low_Threshold	1x1
Max limit for the top speed calculation	1x1
min. sensed vehicle speed for calculation of outputted vehicle speed	1x1
Maximum value of vehicle speed above which physical range max error is reported	1x1
Minimum value of vehicle speed below which physical range min error is reported	1x1
Default rear left wheel speed when CAN signal is not valid	1x1
Default rear right wheel speed when CAN signal is not valid	1x1
Limit to decide if the vehicle speed signal is jitter.	1x1
Threshold speed difference allowed for PIN POINT	1x1
Velocity for detection minimum speed was reached at least once in the current driving cycle	1x1
Vehicle speed threshold for detection of vehicle speed Fuel cuttoff plausibilisation error	1x1
Vehicle speed threshold for detecting the plausibility error in vehicle speed	1x1
Vehicle speed threshold for healing the plausibility error in vehicle speed	1x1
Vehicle speed threshold for detecting V2N plausibility error	1x1
Maximum vehicle velocity below which the wheel error detection is enabled	1x1
Minimum vehicle velocity above which the wheel error detection is enabled	1x1
code word adapter VF2ME new	1x1
delta torque loss torque converter	1x1
maximum relative torque ofr driver's demand from adapter VF2ME	1x1
heat flow to dissipate by fan 2	1x1
threshold value torque demand for air condition compressor	1x1
PWM- signal heating demand	1x1
Gain p-part boost pressure controller	8x1
Vehicle speed threshold for reset of expected engine mode independant enable conditions of ORA	1x1
Speed-delta for expected engine mode independant enable conditions of ORA	1x1
vehicle speed threshold for requesting a stop-prohibition for ORA adaptation	1x1
Max. speed to recognize a standig car if filler cap is open	1x1
max. speed for lamp control if filler cap is open	1x1
Minimum speed to start check filler cap	1x1
Maximum speed to interrupt check filler cap	1x1
threshold vehicle speed for plaus. tank fluid level	1x1
Threshold difference vehicle speed diagnosis CPV	1x1
Minimum vehicle speed for diagnosis CPV	1x1
Maximum vehicle speed for diagnosis CPV	1x1
Minimum speed to interrupt check filler cap because of vehicle acceleration	1x1
threshold for minimum necessary velocity for enabling of diagnosis of engine efficiency during catalyst heating phase during part load	1x1
threshold for velocity gradient to switch over to a seperate idle speed after engage gear	1x1
vehicle velocity to switch over part load to idle maps in case of condition B_ll=true	1x1
min.velocity for seperate idle speed after engage gear	1x1
Limiting speed f. overrun fuel cut-off	1x1
threshold vehicle speed of enable tank leak diagnosis	1x1
offset threshold vehicle speed taking back of request for engine running	1x1
vehicle velocity till the mode HSP for catalyst heating in case of a cold start is required	1x1
Detection of driving-standing	1x1
Mileage at which the EONV Diagnostic can begin running	1x1
combustion chamber volume	1x1
Threshold forvelocity to finish after start conditions with initial fuelling	1x1

Delay angle for sure switch over to VLE	1x1
angle offset fixation exhaust stroke	1x1
Maps cylinder to actuator	8x1
Select standard lift configuration for Exhaust VTEC	1x1
VLVLFT_SPOUTL_ATS.LimitTypeMsk_C	1x1
VLVLFT_SPOUTL_ATS.CnvNorm_C	1x1
VLVLFT_SPOUTL_ATS.LowLim_C	1x1
VLVLFT_SPOUTL_ATS.UpLim_C	1x1
VLVLFT_SPOUTL_ATS.CnvFac_C	1x1
VLVLFT_SPOUTL_ATS.CnvOfs_C	1x1
VLVLFT_SPOUTL_ATS.DfltVal_C	1x1
Code word for feedback exhaust switch diagnosis enabling	1x1
Code word for power stage diagnosis exhaust enabling	1x1
Map for Electrical delay time special lift exhaust	6x6
Map for Electrical delay time standard lift exhaust	6x6
Map for Mechanical delay time special lift exhaust	6x6
Map for Mechanical delay time standard lift exhaust	6x6
Maximum time acceptable for special switch exhaust	1x1
VlvLft_tiSpclPrSwtExhDeb_C	1x1
Maximum time acceptable for Standard switch exhaust	1x1
VlvLft_tiStdPrSwtExhDeb_C	1x1
Curve to adjust the Virtual accelerator pedal position in Comfort drive mode	10x1
Curve to adjust the Virtual accelerator pedal position in Economy drive mode	10x1
Curve to adjust the Virtual accelerator pedal position in Normal drive mode	10x1
Curve to adjust the Virtual accelerator pedal position in Snow drive mode	10x1
Curve to adjust the Virtual accelerator pedal position in Sport drive mode	10x1
Minimum accped ratio difference for ramping of torque during drive mode change to be activated	1x1
Status of Switch for selection of ASL or CC value	1x1
Time period within which ramping of accped ratio during drive mode change should be finished	12x1
Debunce for diagnosis CAN-ECU with ID 0xBA	1x1
The slope of the ramp for AWD torque evaluation(Decreasing torque intervention) / Slope if the ramp has to be increased	1x1
The slope of the ramp for AWD torque evaluation(Decreasing torque intervention) / negative ramp slope	1x1
The slope of shut down ramp for the increasing intervention DCS / Slope if the ramp has to be increased	1x1
The slope of shut down ramp for the increasing intervention DCS / negative ramp slope	1x1
The slope of shut down ramp for the increasing intervention TCS / Slope if the ramp has to be increased	1x1
The slope of shut down ramp for the increasing intervention TCS / negative ramp slope	1x1
DCS shut off configuration	1x1
Switch to select the increasing torque intervention	1x1
Switch to selecteither wheel or Clutch Torque	1x1
DCS intervention switch for Mof deactivation	1x1
Switch for available stabilty intervention	1x1
Switch for available stabilty intervention	1x1
Switch for available stabilty intervention	1x1
Switch for available stabilty intervention	1x1
Time of torque reduction on AWD defect	1x1
DCS torque control disable timer	1x1
DCS torque control enable timer	1x1
Curve to get the torque down based on minimum value of rear wheel speed	5x1
DCS torque control normal limit value	1x1
DCS torque control plus limit value	1x1
Testvalue for DCS Intervention	1x1
velocity for deactivate MSV two-point-control	1x1
hysteresis of vehicle speed threshold of MSV two-point-control	1x1
maximum fuel volume below minimum sensor level	1x1
maximum fuel volume over maximum sensor level	1x1
Pressure ratio at throttle valve interpolation factor for correction of MAF	1x1
Desired pressure ratio throttle plate in stationary condition	4x1
Threshold of pressure ratio for which TC is considered active	1x1
ratio manifold pressure to pressure upstram throttle valve for switch of of extrapolation of modeled manifold prassure	1x1
hysteresis for switch off / activation of extrapolation of intake manifold pressure	1x1
min. pressure ration ps/pvdkds for enabling of throttle adaption	1x1
Ratio (desired manifold pressure/basic boost pressure) for enabling WOT for MAF-Sensor diagnosis	1x1
ratio of intake manifold pressure to pressure upstream throttle	1x1
pressure ratio at thottle blade for disable WOT if no request for WOT (hysterese)	1x1
ratio of set manifold pressure and boost pressure	1x1
ratio of intake manifold pressure to pressure upstream throttle is 0.95	1x1
ratio of intake manifold pressure to pressure upstream throttle is 0.95	1x1
ratio of intake manifold pressure to pressure upstream throttle is 0.95	1x1
ratio of intake manifold pressure to pressure upstream throttle is 0.95	1x1
ratio of intake manifold pressure to pressure upstream throttle is 0.95	1x1
ratio of intake manifold pressure to pressure upstream throttle is 0.95	1x1
Pressure ratio pvd_w / pu_w from which pulsations in the HFM appear	1x1
Pressure ratio pvd_w / pu_w up to which pulsations in the HFM appear	1x1
threshold for compression ratio over compressor above pumping or back flow through dump valve is possible	1x1
Curve pressure ratio upstream and downstream turbine over mass flow quotient	13x1
Curve pressure ratio upstream and downstream turbine over mass flow quotient (high dynamic)	13x1
characteristic line ratio minimal possible compressor power to available power at turbine	15x1
characteristic line ratio maximal possible compressor power to available power at turbine	15x1
Intake manifold volume without intake manifold switch-over	1x1
Threshold for fuel consumption to recognize a hot idle speed	1x1
fuel consumption of the trip in L for low octane fuel detection	1x1
min. vehicle speed to request desired torque for diagnosis CPV	1x1
max. vehicle speed to request desired torque for diagnosis CPV	1x1
Debouncing time fault detection temperature radiator output	1x1
volume between compressor and throttle blade	1x1
Speed threshold for engine speed gradient nwe: clutch open	1x1
Ignition angle adjustment by VS100 INCA	4x1
Parameter switch to enabledisable the water temperature rise demand caluculation.	1x1
Parameter for higher threshold of delta Engine temperature	1x1
Parameter for lower threshold of delta Engine temperature	1x1
The demand for heater performances execution maximum TW for after-starting	5x1
limit of advanced begin angle of compression stroke injection 2nd injection	1x1
begin of prohibited area for ign. coupled injections	1x1
Begin angle of first suction stroke injection for application	1x1
piston position for reset of charge model	1x1
Max. angle for target cylinder for direct start; angle referred to charge exchange top dead center	1x1
throttle angle threshold for minimal MAF air flow	1x1
throttle angle threshold for maximal MAF air flow	1x1
throttle angle threshold for diagnosis of HFM-output voltage	1x1

throttle angle at max. mass flow (depends on engine speed)	5x1
throttle blade angle limit for lower manifold pressure of signal var. check	1x1
throttle blade angle limit for upper manifold pressure of signal var. check	1x1
Upper throttle angle limit for comparison pu - pvd	1x1
Upper throttle angle limit for comparison pu - pvd	1x1
throttle angle for calibration tasks	1x1
Offset added to appl. value of desired throttle position at low temperature	1x1
End angle of first compression stroke injn. in mode HO2	1x1
End angle of 2nd compression stroke	1x1
injection angle torque generating	1x1
End angle of 2nd compression stroke in the EA HP3Z	1x1
end of prohibited area for ign. coupled injections	1x1
Curve Center value overlap angle gas change valve over mass flow scanenged from combustion chamber to exhaust manifold	10x1
max. overlap angle of gas exchange valves if error in determination of charge	1x1
Width of revolution speed observation window in [°CrS]	1x1
Calibration for wiper active status	1x1
Calibration for the diffrerent content of CAN message input	1x1
ignition retard offset for guided cylinders in case of knock sensor error	1x1
angle outlet valve closed in reference position relative to TDC	1x1
angle outlet valve closed in reference position relative to TDC	1x1
angle outlet valve closed in reference position relative to TDC	1x1
angle outlet valve closed in reference position relative to TDC	1x1
angle outlet valve closed in reference position relative to TDC	1x1
angle inlet valve opened in reference position relative to TDC	1x1
angle inlet valve opened in reference position relative to TDC	1x1
angle inlet valve opened in reference position relative to TDC	1x1
angle inlet valve opened in reference position relative to TDC	1x1
min value of desired angle of outlet camshaft closes (TDC)	1x1
min value of desired angle of outlet camshaft closes (TDC)	1x1
min value of desired angle of inlet camshaft opens (TDC)	1x1
min value of desired angle of inlet camshaft opens (TDC)	1x1
min value of desired angle of inlet camshaft opens (TDC)	1x1
max value of desired angle of outlet camshaft closes (TDC)	1x1
max value of desired angle of outlet camshaft closes (TDC)	1x1
max value of desired angle of outlet camshaft closes (TDC)	1x1
max value of desired angle of inlet camshaft opens (TDC)	1x1
max value of desired angle of inlet camshaft opens (TDC)	1x1
Threshold allowed position og accelerator pedal for enabling KFZWSTTWST	1x1
maximum prediction angle for homogen mode	1x1
Characteristic line for square root of inverse of normalized temperature	9x1
curve x^Kappa	12x1
zadiag limit for calculation of B_tldflcon and B_tldklcon	1x1
zadiag limit for reset of stop prohibition	1x1
start of misfire generator	1x1
time constant for combustion chamber temp. model	1x1
threshold detected combustions for re-start	1x1
Number of ignitions for decrease in range 1	1x1
Number of ignitions for decrease in range 2	1x1
Number of ignitions for decrease in range 3	1x1
filter time constant for level measurement for check filler cap	1x1
Time const. for integration of air charge corr. depending on ignition efficiency used in case of positive integrator input	1x1
Time const. for integration of air charge corr. depending on ignition efficiency used in case of negative integrator input	1x1
Time const. for integration of air charge corr. depending on ignition efficiency used in case of positive integrator input	1x1
Time const. for integration of air charge corr. depending on ignition efficiency used in case of negative integrator input	1x1
integrator speed for fast constant mass flow adaption for engine stop	1x1
integrator speed for fast constant mass flow adaption with EGR or unthrottled	1x1
Time constant slow air charge balancing	1x1
Time constant fast air charge balancing in the unthrottled boost pressure regime	1x1
Time constant fast air charge balancing in the throttled regime	1x1
Minimum time threshold for Dualtank plausibility failure detection	1x1
Time counter for stopping increased speed in hot idling	1x1
Time counter threshold for increased speed at hot idling	1x1
Time constant for Lowpass of dfrm_w	1x1
Time constant for Lowpass of dfrmk_w	1x1
time constant for battery voltage filter	1x1
time constant for battery voltage filter(faster)	1x1
Filter constant engine speed for CPV-test	1x1
Filter constant air charge for CPV-test	1x1
Time constant filter vehicle speed diagnosis CPV	1x1
time constant for filtering of engine speed during diagnosis of engine efficiency for catalyst heating	1x1
time constant for filtering of relative air charge during diagnosis of engine efficiency for catalyst heating	1x1
Delay time filter Lambda high-pass	1x1
time constant filtered factor load scavening air at tank ventilation	1x1
filter time constant fuel purge adaptation: purge control active	1x1
filter time constant fuel purge adaptation: purge control not active	1x1
Time constant for abort low-pass catalyzer heating	1x1
time constant for transition desired engine efficiency for catalyst heating from idle to part load	1x1
time constant for transition desired engine efficiency for catalyst heating from part load to idle	1x1
time konstant of filter for enrichment by driver	1x1
time constant filter lamnswl_w	1x1
integrator speed for fast constant mass-flow adaption(short trip)	1x1
integrator speed for fast constant mass-flow adaption	8x1
Time konstant for closing the cpv before tank leakage diagnosis	1x1
Time Constant for filtering of CPV-Mass-Flow for diagnosis of tank pressure sensor	1x1
Time konstant for closing the cpv before tank leakage diagnosis	1x1
Time Constant for filtering of CPV-Mass-Flow for diagnosis of tank pressure sensor	1x1
Time constant for target engine speed when changing target	1x1
Time constant for target engine speed when changing target (rising)	1x1
correction factor for cylinder volume	1x1
time constant pressure of break booster constant	1x1
Time constant f. filtering of intake man. press. f. KLAF calculation in FUEDK	1x1
integrator speed for slow constant mass-flow adaption	3x1
integrator speed for slow constant mass-flow adaption quik trip	1x1
IKC: dynamic dalay for the steady state adaptation enable	4x1
Knock control: time for dynamic adaptation	8x1
Knock control: time for load-dynamic action on knock detection	8x1
Knock control: time for engine speed dynamic action on knock detection	8x1
Knock control: time constant for the filtered engine-speed gradient	1x1
Time constant lambda component protection	1x1
time constant for decay of torque offset after cranking	8x1
catalyst demaging threshold for condition critical disturbency of engine roughness by DMF	1x1
number of working cycles delay after active break free function in DMDZMS	1x1
number of trials for active break free function in DMDZMS	1x1
length of interval for detection of negative signal spikes in number of ignitions	1x1

turn off delay for condition B_zmsdisturbcrit as number of combustions	1x1
filter characteristic for filtered luts signal to detect DMF effects	1x1
filter characteristic for filtered lambda signal to detect DMF effects	1x1
threshold for lambda distortion at permanent misfires to detect DMF effects	1x1
threshold for lambda distortion at permanent, multiple misfires to detect DMF effects	1x1
threshold modification factor for detection of permanent misfires to detect DMF effects	1x1
delay of condition negative signal spikes due to DMF effects	1x1
threshold to detect negative signal spikes due to DMF effects	1x1
filter parameter for engine speed gradient	1x1
Threshold to detect strong engine speed fluctuation	1x1
turn-on delay value for B_zmspermmisf counted in ignitions	1x1
threshold for maximal engine torque at which DMF can possibly affect the system	1x1
time constant for engine gradient filter	1x1
time constant for tank pressure sensor rationality check	1x1
Time constant reset mass flow adjustment fkmsdk	1x1
Filter time constant for ofmsndk if fault HFM/DSS	1x1
time constant, engine temperature for combustion chamber temp. model	1x1
limit of counter of wrong starts	1x1
linit of counter of good starts	1x1
Time constant transient control direct injection, tmot dependent	9x1
time constant of transient control post cranking factor dependent on tmot	9x1
Min. no. of 1ms intervals per synchro for average value formation pvd	1x1
Application interface ignition angle adjustment	1x1
Application interface ignition angle adjustment	1x1
Application interface fixed basic ignition angle	1x1
treshold for condition ignition angle is extremely late	1x1
1. time constant throttle angle model	1x1
2. time constant throttle angle model	1x1
maximal allowed ignition angle deviation due to knock detection	1x1
characteristic curve of upper threshold for the knock measurement window interpolation for high ignition retardation	4x1
delay of condition ignition angle is extremely late	1x1
Application interface fixed output ignition angle	1x1
lower threshold for knock window begin interpolation for low ignition retardation	1x1
lower threshold for additional knock window begin interpolation for low ignition retardation	1x1
upper threshold for additional knock window begin interpolation for high ignition retardation	1x1
Cylinder number for ignition angle monitoring in function monitoring	1x1
Cylinder number for ignition angle monitoring in function monitoring	1x1
Cylinder number for ignition angle monitoring in function monitoring	1x1
Cylinder number for ignition angle monitoring in function monitoring	1x1
Cylinder number for ignition angle monitoring in function monitoring	1x1
Value f. cylinder correction (tsroh to zzyldmd)	1x1
Value f. cylinder correction (tsroh to zzyldmd) during catalyst heating	1x1
cylinder selective reference level limitation	1x1
Cylinder offset for actual torque computation during engine start - delay	1x1