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| **Summary** |  |
| |  |  |  | | --- | --- | --- | | **Total Test Objects:** | |  | | --- | | 445 | | | **Successful:** | |  | | --- | | 392 | | | **Failed:** | |  | | --- | | 11 | | | **Not Executed:** | |  | | --- | | 42 | | | **Date:** | 2023-08-02 | | **Time:** | 11:42:59+0300 | |  |

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| **Selected Project Items** |
| |  | | --- | | Test Collection "eCS\_MCC" | |

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| **Used Test Environments:** GNU GCC Eclipse CDT / IAR ARM V5 iSYSTEM winIDEA  **Tested Release SW version:** ES01400H.R20  **Conclusion**  R2.0 Unit tests: Unit tests finished at 98% regarding the scope defined in Unit Verification Plan and tested successfully.  The difference between 98% and 100% represents test that couldn’t be executed with the current setup and tools..  OpenProject “Bug” creation for failed tests:   * 1098657 – for CIL module * 1184568 – for NvMIf module * 1184548 – for SAD module * 1184157 – for FSM module * 1203110 – for McuIf module |
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| **Test Object List** | | | | | |
| The following table lists all test objects with their test case and coverage results as well as tasks with their results. The cumulated results for modules, folders and test collections are also displayed, the indentation within the name column indicates the parent relationship of the elements.  Please note that only test objects are numbered within the first column. This number is referenced on the x axis within the overview charts for test case and coverage results available on previous pages (if included into the report). | | | | | |
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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **No.** | **Name** | **C0** | **C1** | **Test Cases** | **Result** | |  | ECS 2.0 | 99.17% | 99.06% | 9 of 379 failed | NOK | |  | |  | eCS\_MCC | 99.17% | 99.06% | 9 of 379 failed | NOK |  | |  | |  | ACC | 100% | 100% | 44 of 44 passed | OK |  | |  | | 1 | ACC\_Autotest\_CheckAlarmbPin | 100% | 100% | 1 of 1 passed | OK |  | |  | | 2 | acc\_ComputeCRC | 100% | 100% | 1 of 1 passed | OK |  | |  | | 3 | ACC\_GetAccelerometerTemperature | 100% | 100% | 1 of 1 passed | OK |  | |  | | 4 | acc\_GetRegDataResponseFromSpiIB | 100% | 100% | 2 of 2 passed | OK |  | |  | | 5 | acc\_Init | 100% | 100% | 28 of 28 passed | OK |  | |  | | 6 | ACC\_ReadAccelerometerTemperature | 100% | 100% | 2 of 2 passed | OK |  | |  | | 7 | acc\_ReadAlarmRegisters | 100% | 100% | 1 of 1 passed | OK |  | |  | | 8 | acc\_ReadData | 100% | 100% | 4 of 4 passed | OK |  | |  | | 9 | ACC\_RestartInitialization | 100% | 100% | 1 of 1 passed | OK |  | |  | | 10 | ACC\_runMainFunction | 100% | 100% | 1 of 1 passed | OK |  | |  | | 11 | acc\_SendCommandToReadOrWriteRegister | 100% | 100% | 1 of 1 passed | OK |  | |  | | 12 | OS\_ISR\_PORTE\_ISR | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | ATM | 99.28% | 98.94% | 2 of 42 failed | NOK |  | |  | | 13 | atm\_cbk\_CheckAccAlarmbPin | 100% | 100% | 1 of 1 passed | OK |  | |  | | 14 | atm\_cbk\_CheckActuatorStuck | 100% | 100% | 1 of 1 passed | OK |  | |  | | 15 | atm\_cbk\_CheckAdc | 100% | 100% | 1 of 1 passed | OK |  | |  | | 16 | atm\_cbk\_CheckAdcCalib | 100% | 100% | 1 of 1 passed | OK |  | |  | | 17 | atm\_cbk\_CheckBatteryUnstable | 100% | 100% | 1 of 1 passed | OK |  | |  | | 18 | atm\_cbk\_CheckMcuCrcRegisterStatus | 100% | 100% | 1 of 1 passed | OK |  | |  | | 19 | atm\_cbk\_CheckMcuSelfTest | 100% | 100% | 1 of 1 passed | OK |  | |  | | 20 | atm\_cbk\_CheckOpenCircuit | 100% | 100% | 1 of 1 passed | OK |  | |  | | 21 | atm\_cbk\_CheckPowerStageFailiure | 100% | 100% | 1 of 1 passed | OK |  | |  | | 22 | atm\_cbk\_CheckPowerSupplyOV | 100% | 100% | 1 of 1 passed | OK |  | |  | | 23 | atm\_cbk\_CheckPowerSupplyUV | 100% | 100% | 1 of 1 passed | OK |  | |  | | 24 | atm\_cbk\_CheckSbcStatusInfo | 100% | 100% | 1 of 1 passed | OK |  | |  | | 25 | atm\_cbk\_CheckShortToGND | 100% | 100% | 1 of 1 passed | OK |  | |  | | 26 | atm\_cbk\_CheckShortToVBAT | 100% | 100% | 1 of 1 passed | OK |  | |  | | 27 | atm\_cbk\_CheckSolenoidOvervoltage | 100% | 100% | 1 of 1 passed | OK |  | |  | | 28 | atm\_cbk\_RunEepromMemoryCorruption\_MIC\_Autotest | 100% | 100% | 1 of 1 passed | OK |  | |  | | 29 | atm\_cbk\_RunEepromMemoryNotProgrammed\_NVMIF\_Autotest | 100% | 100% | 1 of 1 passed | OK |  | |  | | 30 | atm\_cbk\_runExtWDTest | 100% | 100% | 1 of 1 passed | OK |  | |  | | 31 | atm\_cbk\_runOverTemperature | 100% | 100% | 1 of 1 passed | OK |  | |  | | 32 | atm\_cbk\_RunPFlashMemoryCorruption\_MIC\_Autotest | 100% | 100% | 1 of 1 passed | OK |  | |  | | 33 | atm\_cbk\_RunRamMemoryCorruption\_MIC\_Autotest | 100% | 100% | 1 of 1 passed | OK |  | |  | | 34 | atm\_cbk\_RunResetCause\_RCM\_Autotest | 100% | 100% | 1 of 1 passed | OK |  | |  | | 35 | atm\_executeAutoTest | 100% | 100% | 6 of 6 passed | OK |  | |  | | 36 | ATM\_Init | 100% | 100% | 1 of 1 passed | OK |  | |  | | 37 | atm\_isAutoTestEnabled | 85.71% | 75% | 2 of 2 failed | NOK |  | |  | | 38 | atm\_PlayCyclicTests | 100% | 100% | 1 of 1 passed | OK |  | |  | | 39 | atm\_PlayOneShotTests | 100% | 100% | 6 of 6 passed | OK |  | |  | | 40 | ATM\_runGetCriticalAutoTestsReachedFlag | 100% | 100% | 1 of 1 passed | OK |  | |  | | 41 | ATM\_runGetTestResult | 100% | 100% | 1 of 1 passed | OK |  | |  | | 42 | ATM\_runMainFunction | 100% | 100% | 1 of 1 passed | OK |  | |  | | 43 | atm\_SetDemEvent | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | BswMlf | 100% | 100% | 37 of 37 passed | OK |  | |  | | 44 | BswM\_CB\_NfyNvMJobEnd | 100% | 100% | 1 of 1 passed | OK |  | |  | | 45 | bswm\_CheckNvmIntegrity | 100% | 100% | 3 of 3 passed | OK |  | |  | | 46 | bswm\_CheckProcessModeStatus | 100% | 100% | 2 of 2 passed | OK |  | |  | | 47 | BswM\_Cyclic\_10msTimer | 100% | 100% | 4 of 4 passed | OK |  | |  | | 48 | BswM\_HWResetNotification | 100% | 100% | 1 of 1 passed | OK |  | |  | | 49 | BswM\_JumpToFBLNotification | 100% | 100% | 1 of 1 passed | OK |  | |  | | 50 | BswM\_On\_Prep\_Shutdown | 100% | 100% | 1 of 1 passed | OK |  | |  | | 51 | BswM\_OnDisableTxPdu | 100% | 100% | 1 of 1 passed | OK |  | |  | | 52 | BswM\_OnEnableTxPdu | 100% | 100% | 1 of 1 passed | OK |  | |  | | 53 | BswM\_OnGoOffOneA | 100% | 100% | 1 of 1 passed | OK |  | |  | | 54 | BswM\_OnLowPwrFromPostRun | 100% | 100% | 1 of 1 passed | OK |  | |  | | 55 | BswM\_OnPostRunFromRun | 100% | 100% | 1 of 1 passed | OK |  | |  | | 56 | BswM\_OnRunFromLowPwrBusAvailable | 100% | 100% | 1 of 1 passed | OK |  | |  | | 57 | BswM\_OnRunFromLowPwrPassengerDetected | 100% | 100% | 1 of 1 passed | OK |  | |  | | 58 | BswM\_OnRunFromPostRunBusAvailable | 100% | 100% | 1 of 1 passed | OK |  | |  | | 59 | BswM\_OnRunFromPostRunPassengerDetected | 100% | 100% | 1 of 1 passed | OK |  | |  | | 60 | BswM\_OnRunFromSafeState | 100% | 100% | 1 of 1 passed | OK |  | |  | | 61 | BswM\_OnRunFromWakeup | 100% | 100% | 1 of 1 passed | OK |  | |  | | 62 | BswM\_OnSafeStateFromPostRun | 100% | 100% | 1 of 1 passed | OK |  | |  | | 63 | BswM\_OnStartComEffective | 100% | 100% | 1 of 1 passed | OK |  | |  | | 64 | BswM\_OnStartupTwoA | 100% | 100% | 1 of 1 passed | OK |  | |  | | 65 | BswM\_OnStartupTwoB | 100% | 100% | 1 of 1 passed | OK |  | |  | | 66 | BswM\_OnWakeupExpired | 100% | 100% | 2 of 2 passed | OK |  | |  | | 67 | BswM\_OnWakeupValidation | 100% | 100% | 1 of 1 passed | OK |  | |  | | 68 | BswM\_ProceedReset | 100% | 100% | 1 of 1 passed | OK |  | |  | | 69 | BswM\_SetEcuStateTransitionStatus | 100% | 100% | 1 of 1 passed | OK |  | |  | | 70 | BswM\_SWResetNotification | 100% | 100% | 1 of 1 passed | OK |  | |  | | 71 | BswM\_UpdatePassangerOccupancyStatus | 100% | 100% | 1 of 1 passed | OK |  | |  | | 72 | BswMIf\_runMainFunction | 100% | 100% | 1 of 1 passed | OK |  | |  | | 73 | OS\_TASK\_OsTask\_Bsw\_ReadWrite\_AllProcess | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | CIL | 99.34% | 99.29% | 70 of 70 passed | NOK |  | |  | | 74 | CIL\_Gliwa\_RxNotification | 100% | 100% | 1 of 1 passed | OK |  | |  | | 75 | CIL\_Gliwa\_TXNotification | 100% | 100% | 1 of 1 passed | OK |  | |  | | 76 | cil\_Manage\_eCS\_DevKit\_Acceleration\_Output | 100% | 100% | 1 of 1 passed | OK |  | |  | | 77 | cil\_Manage\_eCS\_DevKit\_Algo\_Output | 100% | 100% | 1 of 1 passed | OK |  | |  | | 78 | cil\_Manage\_eCS\_DevKit\_Buckle\_Status | 100% | 100% | 1 of 1 passed | OK |  | |  | | 79 | cil\_Manage\_eCS\_DevKit\_Counter\_Management | 100% | 100% | 1 of 1 passed | OK |  | |  | | 80 | cil\_Manage\_eCS\_DevKit\_Seat\_Occupancy\_Status | 100% | 100% | 1 of 1 passed | OK |  | |  | | 81 | cil\_Manage\_eCS\_DevKit\_Solenoid\_Mechanical\_Status | 100% | 100% | 1 of 1 passed | OK |  | |  | | 82 | cil\_Manage\_eCS\_DevKit\_Solenoid\_Profiles\_States | 100% | 100% | 1 of 1 passed | OK |  | |  | | 83 | cil\_Manage\_eCS\_Error\_Reihe1\_BFS\_1 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 84 | cil\_Manage\_eCS\_Error\_Reihe1\_BFS\_2 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 85 | cil\_Manage\_eCS\_Error\_Reihe1\_FS\_1 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 86 | cil\_Manage\_eCS\_Error\_Reihe1\_FS\_2 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 87 | cil\_Manage\_eCS\_Error\_Reihe2\_BFS | 100% | 100% | 1 of 1 passed | OK |  | |  | | 88 | cil\_Manage\_eCS\_Error\_Reihe2\_FS | 100% | 100% | 1 of 1 passed | OK |  | |  | | 89 | cil\_Manage\_eCS\_Gurtschloss\_Status | 100% | 100% | 1 of 1 passed | OK |  | |  | | 90 | cil\_Manage\_eCS\_HW\_defekt | 100% | 100% | 1 of 1 passed | OK |  | |  | | 91 | cil\_Manage\_eCS\_SBS\_Belegung | 100% | 100% | 2 of 2 passed | OK |  | |  | | 92 | cil\_Manage\_eCS\_SBS\_LastState\_Reihe2\_BFS | 100% | 100% | 1 of 1 passed | OK |  | |  | | 93 | cil\_Manage\_eCS\_SBS\_LastState\_Reihe2\_FS | 100% | 100% | 1 of 1 passed | OK |  | |  | | 94 | cil\_Manage\_eCS\_Status | 100% | 100% | 1 of 1 passed | OK |  | |  | | 95 | cil\_Manage\_eCS\_Status\_Verr\_Reihe1\_BFS\_1 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 96 | cil\_Manage\_eCS\_Status\_Verr\_Reihe1\_BFS\_2 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 97 | cil\_Manage\_eCS\_Status\_Verr\_Reihe1\_FS\_1 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 98 | cil\_Manage\_eCS\_Status\_Verr\_Reihe1\_FS\_2 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 99 | cil\_Manage\_eCS\_Status\_Verr\_Reihe2\_BFS | 100% | 100% | 1 of 1 passed | OK |  | |  | | 100 | cil\_Manage\_eCS\_Status\_Verr\_Reihe2\_FS | 100% | 100% | 1 of 1 passed | OK |  | |  | | 101 | cil\_Manage\_eCS\_Stoerung | 100% | 100% | 1 of 1 passed | OK |  | |  | | 102 | cil\_ManagePeriodicData\_TimeSlot01 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 103 | cil\_ManagePeriodicData\_TimeSlot02 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 104 | cil\_ManagePeriodicData\_TimeSlot03 | 100% | 100% | 3 of 3 passed | OK |  | |  | | 105 | cil\_ManagePeriodicData\_TimeSlot04 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 106 | cil\_ManagePeriodicData\_TimeSlot05 | 100% | 100% | 2 of 2 passed | OK |  | |  | | 107 | CIL\_runAppliToCAN | 100% | 100% | 1 of 1 passed | OK |  | |  | | 108 | CIL\_runCANToAppli | 100% | 100% | 3 of 3 passed | OK |  | |  | | 109 | CIL\_runCANToSafetyAppli | 100% | 100% | 2 of 2 passed | OK |  | |  | | 110 | CIL\_runInit | 100% | 100% | 1 of 1 passed | OK |  | |  | | 111 | CIL\_runManageMF | 100% | 100% | 8 of 8 passed | OK |  | |  | | 112 | CIL\_Rx\_Gliwa\_Ind | 100% | 100% | 1 of 1 passed | OK |  | |  | | 113 | cil\_Update\_07Cx\_Block01\_InfosToSend | 100% | 100% | 1 of 1 passed | OK |  | |  | | 114 | cil\_Update\_07Cx\_Block01\_Timeslot0\_InfosToSend | 100% | 100% | 1 of 1 passed | OK |  | |  | | 115 | cil\_Update\_07Cx\_Block01\_Timeslot1\_InfosToSend | 100% | 100% | 1 of 1 passed | OK |  | |  | | 116 | cil\_Update\_07Cx\_Block01\_Timeslot2\_InfosToSend | 100% | 100% | 1 of 1 passed | OK |  | |  | | 117 | cil\_Update\_07Cx\_Block01\_Timeslot3\_InfosToSend | 100% | 100% | 1 of 1 passed | OK |  | |  | | 118 | cil\_Update\_07Cx\_Block01\_Timeslot4\_InfosToSend | 100% | 100% | 1 of 1 passed | OK |  | |  | | 119 | cil\_Update\_07Cx\_Block02\_InfosToSend | 100% | 100% | 1 of 1 passed | OK |  | |  | | 120 | cil\_Update\_07Cx\_Block03\_InfosToSend | 73.33% | 75% | 1 of 1 passed | NOK |  | |  | | 121 | cil\_Update\_07Cx\_Block03\_Timeslot0\_InfosToSend | 100% | 100% | 1 of 1 passed | OK |  | |  | | 122 | cil\_Update\_07Cx\_Block03\_Timeslot1\_InfosToSend | 100% | 100% | 1 of 1 passed | OK |  | |  | | 123 | cil\_Update\_07Cx\_Block03\_Timeslot2\_InfosToSend | 100% | 100% | 1 of 1 passed | OK |  | |  | | 124 | cil\_Update\_07Cx\_Block03\_Timeslot3\_InfosToSend | 100% | 100% | 1 of 1 passed | OK |  | |  | | 125 | cil\_Update\_07Cx\_Block03\_Timeslot4\_InfosToSend | 100% | 100% | 1 of 1 passed | OK |  | |  | | 126 | cil\_Update\_07Cx\_IncorrectBlock\_InfosToSend | 100% | 100% | 1 of 1 passed | OK |  | |  | | 127 | cil\_Update\_07Cx\_InfosToSend | 100% | 100% | 2 of 2 passed | OK |  | |  | | 128 | CIL\_updateCurrentEcuState | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | DemIf | 100% | 100% | 2 of 2 passed | OK |  | |  | | 129 | Dem\_Callback\_EventStatusChanged | 100% | 100% | 1 of 1 passed | OK |  | |  | | 130 | Dem\_GetEventDebounceTime | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | DIA | 98.72% | 98.50% | 133 of 133 passed | NOK |  | |  | | 131 | dia\_CheckBCD | 100% | 100% | 1 of 1 passed | OK |  | |  | | 132 | DIA\_CopyData | 100% | 100% | 1 of 1 passed | OK |  | |  | | 133 | DIA\_CopyDataSwap | 100% | 100% | 1 of 1 passed | OK |  | |  | | 134 | DIA\_CopyDataSwap32 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 135 | DIA\_Init | 100% | 100% | 1 of 1 passed | OK |  | |  | | 136 | dia\_IsAsciiCharAllowedAUDI | 100% | 100% | 8 of 8 passed | OK |  | |  | | 137 | DIA\_ManageNVPBlockWriting | 100% | 100% | 2 of 2 passed | OK |  | |  | | 138 | DIA\_run\_Did0236\_ProgrammingDataElockEcuRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 139 | DIA\_run\_Did0236\_ProgrammingDataElockEcuWrite | 100% | 100% | 1 of 1 passed | OK |  | |  | | 140 | DIA\_run\_Did023E\_WSCForProgrammingElockEcuRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 141 | DIA\_run\_Did023E\_WSCForProgrammingElockEcuWrite | 100% | 100% | 1 of 1 passed | OK |  | |  | | 142 | DIA\_run\_DidFD10\_ECUTemperatureRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 143 | DIA\_runCallBackDCMRequestServices\_CBReqServInd\_1\_StartProtocol | 100% | 100% | 1 of 1 passed | OK |  | |  | | 144 | DIA\_runDid0407\_VWLogicalSoftwareBlockCounterOfProgrammingAttemptsRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 145 | DIA\_runDid040F\_VWLogicalSoftwareBlockLockValueRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 146 | DIA\_runDid0410\_BootloaderTPBlocksizeRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 147 | DIA\_runDid0410\_BootloaderTPBlocksizeWrite | 100% | 100% | 1 of 1 passed | OK |  | |  | | 148 | DIA\_runDid0448\_ProgrammingPreconditionsRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 149 | DIA\_runDid4024\_SWSystemTimeRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 150 | DIA\_runDid\_FD0F\_BatteryMeasureRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 151 | DIA\_runDidF15B\_FingerprintAndProgrammingDateOfLogicalSoftwareBlocksRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 152 | DIA\_runDidF187\_VWSparePartNumberRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 153 | DIA\_runDidF187\_VWSparePartNumberWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 154 | DIA\_runDidF189\_VWApplicationSoftwareVersionNumberRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 155 | DIA\_runDidF189\_VWApplicationSoftwareVersionNumberWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 156 | DIA\_runDidF18C\_ECUSerialNumberRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 157 | DIA\_runDidF18C\_ECUSerialNumberWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 158 | DIA\_runDidF191\_VWECUHardwareNumberRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 159 | DIA\_runDidF191\_VWECUHardwareNumberWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 160 | DIA\_runDidF197\_VWSystemNameOrEngineTypeRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 161 | DIA\_runDidF197\_VWSystemNameOrEngineTypeWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 162 | DIA\_runDidF19E\_ASAMODXFileIdentifierRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 163 | DIA\_runDidF19E\_ASAMODXFileIdentifierWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 164 | DIA\_runDidF1A2\_ASAMODXFileVersionRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 165 | DIA\_runDidF1A2\_ASAMODXFileVersionWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 166 | DIA\_runDidF1A3\_VWECUHardwareVersionNumberRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 167 | DIA\_runDidF1A3\_VWECUHardwareVersionNumberWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 168 | DIA\_runDidF1AB\_VWLogicalSoftwareBlockVersionRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 169 | DIA\_runDidF1B4\_TechnicalSpecificationsVersionRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 170 | DIA\_runDidF1D5\_FDSProjectDataRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 171 | DIA\_runDidF1DF\_ECUProgrammingInformationRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 172 | DIA\_runDidFD00\_HWVersionRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 173 | DIA\_runDidFD00\_HWVersionWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 174 | DIA\_runDidFD01\_SWVersionRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 175 | DIA\_runDidFD03\_AEETraceabilityNumberRead | 100% | 100% | 2 of 2 passed | OK |  | |  | | 176 | DIA\_runDidFD03\_AEETraceabilityNumberWrite | 100% | 100% | 1 of 1 passed | OK |  | |  | | 177 | DIA\_runDidFD08\_ResetCauseRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 178 | DIA\_runDidFD09\_LastWarmResetParamRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 179 | DIA\_runDidFD62\_EccOccurenceNbRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 180 | DIA\_runDidFD8B\_ECUManufacturingDateRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 181 | DIA\_runDidFD8B\_ECUManufacturingDateWrite | 40% | 30% | 1 of 1 passed | NOK |  | |  | | 182 | DIA\_runDidFD8C\_AssemblySerialNumberRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 183 | DIA\_runDidFD8C\_AssemblySerialNumberWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 184 | DIA\_runDidFDE0\_EcsVariantRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 185 | DIA\_runDidFDE0\_EcsVariantWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 186 | DIA\_runDidFDE1\_EcsParametersRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 187 | DIA\_runDidFDE1\_EcsParametersWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 188 | DIA\_runDidFDE2\_EcsAccOffsetsRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 189 | DIA\_runDidFDE2\_EcsAccOffsetsWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 190 | DIA\_runDidFDE3\_EcsProfilesRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 191 | DIA\_runDidFDE3\_EcsProfilesWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 192 | DIA\_runDidFDE4\_EcsStepsRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 193 | DIA\_runDidFDE4\_EcsStepsWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 194 | DIA\_runDidFDE5\_EcsAccLowPassRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 195 | DIA\_runDidFDE5\_EcsAccLowPassWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 196 | DIA\_runDIDFDE7\_EcsAlgoOutputDelayRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 197 | DIA\_runDIDFDE7\_EcsAlgoOutputDelayWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 198 | DIA\_runDidFDE9\_EcsSensitivityLutRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 199 | DIA\_runDidFDE9\_EcsSensitivityLutWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 200 | DIA\_runDidFDEA\_EcsSensitivityOptRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 201 | DIA\_runDidFDEA\_EcsSensitivityOptWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 202 | DIA\_runDidFDFF\_MeasurementFrameRamConfRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 203 | DIA\_runDidFDFF\_MeasurementFrameRamConfWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 204 | DIA\_runDidFE00\_AllEventStatusesRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 205 | DIA\_runDidFEFF\_MeasurementFramesConfRead | 100% | 100% | 1 of 1 passed | OK |  | |  | | 206 | DIA\_runDidFEFF\_MeasurementFramesConfWrite | 100% | 100% | 2 of 2 passed | OK |  | |  | | 207 | DIA\_runRid0203\_CheckProgrammingPreconditions | 100% | 100% | 2 of 2 passed | OK |  | |  | | 208 | DIA\_runRidF781\_EcuUnlockRequestRes | 100% | 100% | 1 of 1 passed | OK |  | |  | | 209 | DIA\_runRidF781\_EcuUnlockStart | 100% | 100% | 2 of 2 passed | OK |  | |  | | 210 | DIA\_runRidF781\_EcuUnlockStop | 100% | 100% | 2 of 2 passed | OK |  | |  | | 211 | DIA\_runRidF793\_ProcessModeRequestRes | 100% | 100% | 1 of 1 passed | OK |  | |  | | 212 | DIA\_runRidF793\_ProcessModeStart | 100% | 100% | 2 of 2 passed | OK |  | |  | | 213 | DIA\_runRidF793\_ProcessModeStop | 100% | 100% | 2 of 2 passed | OK |  | |  | | 214 | DIA\_runRidF794\_AccCalibStart | 100% | 100% | 2 of 2 passed | OK |  | |  | | 215 | DIA\_runRidF795\_LockSolenoidStart | 100% | 100% | 1 of 1 passed | OK |  | |  | | 216 | DIA\_runRidF795\_LockSolenoidStop | 100% | 100% | 1 of 1 passed | OK |  | |  | | 217 | DIA\_runRidF796\_EcuTempCalibration | 100% | 100% | 2 of 2 passed | OK |  | |  | | 218 | DIA\_runRidF797\_AccAngleOffsetCalibrationStart | 100% | 100% | 3 of 3 passed | OK |  | |  | | 219 | DIA\_runRte\_Call\_Dcm\_CallBackDCMRequestServices\_CBReqServInd\_1\_StopProtocol | 100% | 100% | 1 of 1 passed | OK |  | |  | | 220 | DIA\_runSecurityAccessCompareKey | 100% | 100% | 1 of 1 passed | OK |  | |  | | 221 | DIA\_runSecurityAccessGetSeed | 100% | 100% | 1 of 1 passed | OK |  | |  | | 222 | DIA\_runServiceRequestConfirmation | 100% | 100% | 1 of 1 passed | OK |  | |  | | 223 | DIA\_runServiceRequestIndication | 100% | 100% | 1 of 1 passed | OK |  | |  | | 224 | DIA\_SecurityAccess\_Init | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | DioIf | 100% | 100% | 5 of 5 passed | OK |  | |  | | 225 | DioIf\_Init | 100% | 100% | 1 of 1 passed | OK |  | |  | | 226 | DioIf\_runReadChannel | 100% | 100% | 2 of 2 passed | OK |  | |  | | 227 | DioIf\_runWriteChannel | 100% | 100% | 1 of 1 passed | OK |  | |  | | 228 | DioIf\_SetSolenoidCurrentSourcesState | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | EcuMIf | 97.05% | 96.42% | 23 of 23 passed | NOK |  | |  | | 229 | Can\_CheckWakeup | 100% | 100% | 1 of 1 passed | OK |  | |  | | 230 | EcuM\_AL\_DriverInitOne | 50% | 50% | 2 of 2 passed | NOK |  | |  | | 231 | EcuM\_AL\_Reset | 100% | 100% | 1 of 1 passed | OK |  | |  | | 232 | EcuM\_AL\_SetProgrammableInterrupts | 100% | 100% | 1 of 1 passed | OK |  | |  | | 233 | EcuM\_AL\_SwitchOff | 100% | 100% | 1 of 1 passed | OK |  | |  | | 234 | EcuM\_CheckRamHash | 100% | 100% | 1 of 1 passed | OK |  | |  | | 235 | EcuM\_CheckValidation | 100% | 100% | 1 of 1 passed | OK |  | |  | | 236 | EcuM\_CheckWakeup | 100% | 100% | 1 of 1 passed | OK |  | |  | | 237 | EcuM\_DeterminePbConfiguration | 100% | 100% | 1 of 1 passed | OK |  | |  | | 238 | EcuM\_DisableWakeupSources | 100% | 100% | 1 of 1 passed | OK |  | |  | | 239 | EcuM\_DriverInitListOne | 100% | 100% | 1 of 1 passed | OK |  | |  | | 240 | EcuM\_EnableWakeupSources | 100% | 100% | 1 of 1 passed | OK |  | |  | | 241 | EcuM\_ErrorHook | 100% | 100% | 1 of 1 passed | OK |  | |  | | 242 | EcuM\_GenerateRamHash | 100% | 100% | 1 of 1 passed | OK |  | |  | | 243 | EcuM\_OnGoOffOne | 100% | 100% | 1 of 1 passed | OK |  | |  | | 244 | EcuM\_OnGoOffTwo | 100% | 100% | 1 of 1 passed | OK |  | |  | | 245 | EcuM\_PostHalt | 100% | 100% | 1 of 1 passed | OK |  | |  | | 246 | EcuM\_PreHalt | 100% | 100% | 1 of 1 passed | OK |  | |  | | 247 | EcuM\_SleepActivity | 100% | 100% | 1 of 1 passed | OK |  | |  | | 248 | EcuM\_StartWakeupSources | 100% | 100% | 1 of 1 passed | OK |  | |  | | 249 | EcuM\_StopWakeupSources | 100% | 100% | 2 of 2 passed | OK |  | |  | |  | EIM | 100% | 100% | 6 of 6 passed | OK |  | |  | | 250 | EIM\_Init | 100% | 100% | 1 of 1 passed | OK |  | |  | | 251 | EIM\_ManageAecStatus | 100% | 100% | 5 of 5 passed | OK |  | |  | |  | NmIf | 100% | 100% | 7 of 7 passed | OK |  | |  | | 252 | NmIf\_CbkRxAck\_Airbag\_01 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 253 | NmIf\_CbkRxAck\_Airbag\_02 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 254 | NmIf\_CbkRxAck\_Airbag\_eCS\_01 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 255 | NmIf\_CbkRxTOut\_Airbag\_01 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 256 | NmIf\_CbkRxTOut\_Airbag\_02 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 257 | NmIf\_CbkRxTOut\_Airbag\_eCS\_01 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 258 | NmIf\_runMainFunction | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | RCM | 100% | 100% | 6 of 6 passed | OK |  | |  | | 259 | RCM\_Autotest\_ResetCause | 100% | 100% | 2 of 2 passed | OK |  | |  | | 260 | RCM\_DetermineResetCause | 100% | 100% | 1 of 1 passed | OK |  | |  | | 261 | RCM\_GetResetCause | 100% | 100% | 1 of 1 passed | OK |  | |  | | 262 | RCM\_NotifyResetCause | 100% | 100% | 1 of 1 passed | OK |  | |  | | 263 | RCM\_ReportOSError | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | AdcIf | 100% | 100% | 14 of 14 passed | OK |  | |  | | 264 | AdcIf\_Autotest\_CheckAdc | 100% | 100% | 2 of 2 passed | OK |  | |  | | 265 | AdcIf\_Autotest\_CheckAdcCalib | 100% | 100% | 1 of 1 passed | OK |  | |  | | 266 | AdcIf\_Calib | 100% | 100% | 2 of 2 passed | OK |  | |  | | 267 | ADCIF\_EndOfConvGroup0 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 268 | ADCIF\_EndOfConvGroup1 | 100% | 100% | 1 of 1 passed | OK |  | |  | | 269 | AdcIf\_GPTOnTimer\_Expiration | 100% | 100% | 1 of 1 passed | OK |  | |  | | 270 | AdcIf\_runDeInit | 100% | 100% | 1 of 1 passed | OK |  | |  | | 271 | AdcIf\_runGetChannelValue | 100% | 100% | 1 of 1 passed | OK |  | |  | | 272 | AdcIf\_runInit | 100% | 100% | 1 of 1 passed | OK |  | |  | | 273 | AdcIf\_StartConversion | 100% | 100% | 1 of 1 passed | OK |  | |  | | 274 | AdcIf\_StopConversion | 100% | 100% | 1 of 1 passed | OK |  | |  | | 275 | AdcIf\_WaitForConversion | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | DcmIf | 50.64% | 41.66% | 5 of 14 failed | NOK |  | |  | | 276 | Dcm\_GetProgConditions | 100% | 100% | 2 of 2 passed | OK |  | |  | | 277 | Dcm\_SetProgConditions | 1 | 1 | 1 of 1 passed | OK |  | |  | | 278 | Dcm\_WriteMemory | 0.5121 | 0.4642 | 5 of 5 failed | NOK |  | |  | | 279 | dcmif\_bForbidData | 1 | 1 | 2 of 2 passed | OK |  | |  |  |  |  |  |  |  | | 280 | Rte\_DcmConfirmation | 1 | 1 | 1 of 1 passed | OK |  | |  |  |  |  |  |  |  | |  | FSM | 0.9905 | 0.9875 | 56 of 56 passed | NOK |  | |  |  |  |  |  |  |  | | 281 | fsm\_CheckStartupSelfTest | 100% | 100% | 2 of 2 passed | OK |  | |  | | 282 | fsm\_getCounterIndex | 100% | 100% | 2 of 2 passed | OK |  | |  | | 283 | fsm\_GetDiagRequest | 100% | 100% | 1 of 1 passed | OK |  | |  | | 284 | FSM\_getUnlockDetectionTimeoutPeriod | 100% | 100% | 2 of 2 passed | OK |  | |  | | 285 | FSM\_Init | 100% | 100% | 1 of 1 passed | OK |  | |  | | 286 | FSM\_manageSolenoidCounters | 100% | 100% | 4 of 4 passed | OK |  | |  | | 287 | fsm\_ManageSolenoidErrors | 89.47% | 86.66% | 2 of 2 passed | NOK |  | |  | | 288 | FSM\_ModesInit | 100% | 100% | 1 of 1 passed | OK |  | |  | | 289 | fsm\_RunBackupProfile | 100% | 100% | 4 of 4 passed | OK |  | |  | | 290 | FSM\_runCalculateProfileTimeout | 100% | 100% | 3 of 3 passed | OK |  | |  | | 291 | FSM\_runCheckModeStatus | 100% | 100% | 1 of 1 passed | OK |  | |  | | 292 | FSM\_runMainFunction | 100% | 100% | 7 of 7 passed | OK |  | |  | | 293 | fsm\_RunSolenoidStateManagement | 100% | 100% | 6 of 6 passed | OK |  | |  | | 294 | fsm\_RunStartupSequence | 100% | 100% | 2 of 2 passed | OK |  | |  | | 295 | FSM\_runUpdateModeStatus | 100% | 100% | 1 of 1 passed | OK |  | |  | | 296 | fsm\_UpdateModeStatus\_BuckleStatus | 100% | 100% | 1 of 1 passed | OK |  | |  | | 297 | fsm\_UpdateModeStatus\_CanInhibit | 100% | 100% | 1 of 1 passed | OK |  | |  | | 298 | fsm\_UpdateModeStatus\_EcuBatteryUnstableInhibition | 100% | 100% | 1 of 1 passed | OK |  | |  | | 299 | fsm\_UpdateModeStatus\_Init | 100% | 100% | 1 of 1 passed | OK |  | |  | | 300 | fsm\_UpdateModeStatus\_NvmBlockRestore | 100% | 100% | 1 of 1 passed | OK |  | |  | | 301 | fsm\_UpdateModeStatus\_PermanentHwError | 100% | 100% | 1 of 1 passed | OK |  | |  | | 302 | fsm\_UpdateModeStatus\_SolenoidAbortionErrorPresentConditions | 100% | 100% | 3 of 3 passed | OK |  | |  | | 303 | fsm\_UpdateModeStatus\_SolenoidEnabledConditions | 100% | 100% | 1 of 1 passed | OK |  | |  | | 304 | fsm\_UpdateModeStatus\_SolenoidInhibitionErrorPresentConditions | 100% | 100% | 4 of 4 passed | OK |  | |  | | 305 | fsm\_UpdateModeStatus\_SolenoidUnlockConfirmation | 100% | 100% | 2 of 2 passed | OK |  | |  | | 306 | fsm\_UpdateModeStatus\_SporadicHwError | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | IoHwAb | 99.17% | 98.98% | 75 of 75 passed | NOK |  | |  | | 307 | IoHwAb\_CheckEcuOverTemperatureAutotest | 100% | 100% | 1 of 1 passed | OK |  | |  | | 308 | IoHwAb\_CheckPowerSupplyOvervoltageAutotest | 100% | 100% | 2 of 2 passed | OK |  | |  | | 309 | IoHwAb\_CheckPowerSupplyUndervoltageAutotest | 100% | 100% | 2 of 2 passed | OK |  | |  | | 310 | iohwab\_computeSolenoidTemperature | 100% | 100% | 1 of 1 passed | OK |  | |  | | 311 | iohwab\_DetectSeatOccupancy | 100% | 100% | 1 of 1 passed | OK |  | |  | | 312 | IoHwAb\_DetectVoltageFluctuation | 100% | 100% | 1 of 1 passed | OK |  | |  | | 313 | iohwab\_DetectVoltageFluctuationOnSolenoid | 100% | 100% | 4 of 4 passed | OK |  | |  | | 314 | IoHwAb\_GetAccelerometerTemperature | 100% | 100% | 2 of 2 passed | OK |  | |  | | 315 | IoHwAb\_GetEcuTemperature | 100% | 100% | 1 of 1 passed | OK |  | |  | | 316 | IoHwAb\_GetMcuTemperature | 100% | 100% | 1 of 1 passed | OK |  | |  | | 317 | iohwab\_GetPTCSensorTemp | 100% | 100% | 1 of 1 passed | OK |  | |  | | 318 | IoHwAb\_GetPtcTemperature | 100% | 100% | 1 of 1 passed | OK |  | |  | | 319 | IoHwAb\_GetSolenoidTemperature | 100% | 100% | 7 of 7 passed | OK |  | |  | | 320 | IoHwAb\_HandleSeatCurrentCircuit | 100% | 100% | 2 of 2 passed | OK |  | |  | | 321 | IoHwAb\_HandleSeatVariants | 100% | 100% | 1 of 1 passed | OK |  | |  | | 322 | iohwab\_ReportSeatStatus | 100% | 100% | 6 of 6 passed | OK |  | |  | | 323 | IoHwAb\_runFilterMeasurements100ms | 100% | 100% | 1 of 1 passed | OK |  | |  | | 324 | IoHwAb\_runFilterMeasurements10ms | 100% | 100% | 1 of 1 passed | OK |  | |  | | 325 | IoHwAb\_runFilterMeasurements2ms | 100% | 100% | 1 of 1 passed | OK |  | |  | | 326 | IoHwAb\_runGetMeasure | 100% | 100% | 34 of 34 passed | OK |  | |  | | 327 | iohwab\_SearchState | 92.59% | 88.88% | 4 of 4 passed | NOK |  | |  | |  | NvMIf | 23.45% | 25% | 13 of 13 passed | NOK |  | |  | | 328 | NvmIf\_Autotest\_RunEepromMemoryNotProgrammed | 10.14% | 11.11% | 5 of 5 passed | NOK |  | |  | | 329 | NvmIf\_GetNvmBlockLength | 100% | 100% | 1 of 1 passed | OK |  | |  | | 330 | NvmIf\_GetNvmBlockStatus | 100% | 100% | 1 of 1 passed | OK |  | |  | | 331 | NvmIf\_GetRamAddressByBlockId | 100% | 100% | 1 of 1 passed | OK |  | |  | | 332 | NvmIf\_ReadBlockByAddress | 100% | 100% | 1 of 1 passed | OK |  | |  | | 333 | NvmIf\_RestorePRAMBlockDefaults | 100% | 100% | 1 of 1 passed | OK |  | |  | | 334 | NvmIf\_SetRamBlockStatus | 100% | 100% | 1 of 1 passed | OK |  | |  | | 335 | NvmIf\_WriteBlockByAddress | 100% | 100% | 1 of 1 passed | OK |  | |  | | 336 | NvmIf\_WriteNvmBlock | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | PwmIf | 100% | 100% | 3 of 3 passed | OK |  | |  | | 337 | PwmIf\_DisablePWM | 100% | 100% | 1 of 1 passed | OK |  | |  | | 338 | PwmIf\_EnablePWM | 100% | 100% | 1 of 1 passed | OK |  | |  | | 339 | PwmIf\_SetDutyCycle | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | RteIf | 100% | 100% | 2 of 2 passed | OK |  | |  | | 340 | Rte\_Read\_CIL\_SAD\_au8DiagReq\_prrEcsDiagRequest | 100% | 100% | 1 of 1 passed | OK |  | |  | | 341 | Rte\_Read\_CIL\_SAD\_au8DiagReqComplement\_prrEcsDiagRequest | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | SAD | 99.73% | 99.62% | 4 of 35 failed | NOK |  | |  | | 342 | SAD\_checkActuatorState | 100% | 100% | 2 of 2 passed | OK |  | |  | | 343 | SAD\_CheckPowerStage | 100% | 100% | 2 of 2 passed | OK |  | |  | | 344 | SAD\_CheckSolenoidOpenCircuitAutotest | 100% | 100% | 2 of 2 passed | OK |  | |  | | 345 | SAD\_CheckSolenoidOvervoltage | 100% | 100% | 1 of 1 passed | OK |  | |  | | 346 | SAD\_CheckSolenoidShortToGNDAutotest | 100% | 100% | 2 of 2 passed | OK |  | |  | | 347 | SAD\_CheckSolenoidShortToVBATAutotest | 100% | 100% | 2 of 2 passed | OK |  | |  | | 348 | sad\_ControlStepExecution | 100% | 100% | 3 of 3 passed | OK |  | |  | | 349 | sad\_ExecuteOpenCircuitCheck | 100% | 100% | 1 of 1 passed | OK |  | |  | | 350 | sad\_ExecuteOvervoltageCheck | 100% | 100% | 1 of 1 passed | OK |  | |  | | 351 | sad\_ExecutePinStateCheck | 100% | 100% | 1 of 1 passed | OK |  | |  | | 352 | sad\_ExecuteShortToGNDCheck | 100% | 100% | 1 of 1 passed | OK |  | |  | | 353 | sad\_ExecuteShortToVBATCheck | 100% | 100% | 1 of 1 passed | OK |  | |  | | 354 | sad\_ExtractSteps | 100% | 100% | 1 of 1 passed | OK |  | |  | | 355 | SAD\_Init | 100% | 100% | 1 of 1 passed | OK |  | |  | | 356 | sad\_ManageStepEvents | 100% | 100% | 1 of 1 passed | OK |  | |  | | 357 | SAD\_runMainFunction | 97.22% | 96.42% | 4 of 4 failed | NOK |  | |  | | 358 | sad\_runSolenoidControl | 100% | 100% | 3 of 3 passed | OK |  | |  | | 359 | sad\_SelectStepId | 100% | 100% | 2 of 2 passed | OK |  | |  | | 360 | sad\_StepPreprocessing | 100% | 100% | 2 of 2 passed | OK |  | |  | | 361 | sad\_TriggerDiagProfile | 100% | 100% | 2 of 2 passed | OK |  | |  | |  | SBC | 100% | 100% | 20 of 20 passed | OK |  | |  | | 362 | SBC\_Autotest\_CheckStatusInformation | 100% | 100% | 1 of 1 passed | OK |  | |  | | 363 | SBC\_Autotest\_WdgTest | 100% | 100% | 2 of 2 passed | OK |  | |  | | 364 | sbc\_ClearStateAndReport | 100% | 100% | 8 of 8 passed | OK |  | |  | | 365 | SBC\_ForceExternalWatchdogReset | 100% | 100% | 1 of 1 passed | OK |  | |  | | 366 | SBC\_GetSBCStatusInformation | 100% | 100% | 1 of 1 passed | OK |  | |  | | 367 | SBC\_Init | 100% | 100% | 1 of 1 passed | OK |  | |  | | 368 | SBC\_Reset | 100% | 100% | 1 of 1 passed | OK |  | |  | | 369 | SBC\_runMainFunction | 100% | 100% | 1 of 1 passed | OK |  | |  | | 370 | SBC\_SetToLowPower | 100% | 100% | 1 of 1 passed | OK |  | |  | | 371 | SBC\_SetToNormal | 100% | 100% | 1 of 1 passed | OK |  | |  | | 372 | SBC\_Shutdown | 100% | 100% | 1 of 1 passed | OK |  | |  | | 373 | SBC\_sleepTriggerWatchdog | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | SpiIf | 100% | 100% | 3 of 3 passed | OK |  | |  | | 374 | SpiIf\_spiReadIBFromChannel | 100% | 100% | 1 of 1 passed | OK |  | |  | | 375 | SpiIf\_spiSyncTransmitSequence | 100% | 100% | 1 of 1 passed | OK |  | |  | | 376 | SpiIf\_writeSpiData | 100% | 100% | 1 of 1 passed | OK |  | |  | |  | STM | 100% | 100% | 2 of 2 passed | OK |  | |  | | 377 | STM\_runIncreaseSystemTime | 100% | 100% | 1 of 1 passed | OK |  | |  | | 378 | STM\_runReadAbsoluteSystemTime | 100% | 100% | 1 of 1 passed | OK |  | |  | | | | | | |
|  | | | | | |
| 379 | |  | | --- | | mcuif\_AdcSwTestRegCrc | | 100 % | 100 % | 1 of 1 passed | OK |
| 380 | |  | | --- | | mcuif\_AdcSwTestRegCrcVerif | | 100 % | 100 % | 1 of 1 passed | OK |
| 381 | |  | | --- | | mcuif\_CheckCrcOnAdcRegistersAutotest | | 100 % | 100 % | 1 of 1 passed | OK |
| 382 | |  | | --- | | mcuif\_CheckCrcOnFtmRegistersAutotest | | - | - | - |  |
| 383 | |  | | --- | | mcuif\_CheckCrcOnPortRegistersAutotest | | 29.41 % | 21.42 % | 1 of 1 passed | NOK |
| 384 | |  | | --- | | McuIf\_CheckMcuCrcRegisterStatus | | 100 % | 100 % | 3 of 3 passed | OK |
| 385 | |  | | --- | | McuIf\_CheckMcuSelfTest | | 100 % | 100 % | 3 of 3 passed | OK |
| 386 | |  | | --- | | mcuif\_FtmSwTestRegCrc | | 100 % | 100 % | 2 of 2 passed | OK |
| 387 | |  | | --- | | mcuif\_FtmSwTestRegCrcInit | | 100 % | 100 % | 1 of 1 passed | OK |
| 388 | |  | | --- | | mcuif\_PortSwTestRegCrc | | 100 % | 100 % | 3 of 3 passed | OK |
| 389 | |  | | --- | | mcuif\_PortSwTestRegCrcInit | | 100 % | 100 % | 1 of 1 passed | OK |
| 390 | |  | | --- | | McuIf\_runInit | | 100 % | 100 % | 1 of 1 passed | OK |
|  | |  | | --- | | MIC | | 51.51 % | 37.5 % | 2 of 17 failed |  |
| 391 | |  | | --- | | MIC\_Autotest\_RunEepromMemoryCorruption | | 100 % | 100 % | 1 of 1 passed |  |
| 382 | |  | | --- | | MIC\_Autotest\_RunPFlashMemoryCorruption | | 100 % | 100 % | 1 of 1 passed |  |
| 393 | |  | | --- | | MIC\_Autotest\_RunRamMemoryCorruption | | - | - | - |  |
| 394 | |  | | --- | | MIC\_BusFaultException | | 100 % | 100 % | 1 of 1 passed |  |
| 395 | |  | | --- | | mic\_ECC\_RAM\_Correction | | 100 % | 100 % | 1 of 1 passed |  |
| 396 | |  | | --- | | MIC\_HardFaultException | | 100 % | 100 % | 1 of 1 passed |  |
| 397 | |  | | --- | | MIC\_HardFaultHandlerHll | | 100 % | 100 % | 2 of 2 failed | NOK |
| 398 | |  | | --- | | MIC\_Init | | - | - | - |  |
| 399 | |  | | --- | | MIC\_LLD\_CheckEccFault | | 100 % | 100 % | 3 of 3 passed |  |
| 400 | |  | | --- | | MIC\_LLD\_GetFaultAddress | | - | - | - |  |
| 401 | |  | | --- | | MIC\_LLD\_Init | | 100 % | 100 % | 1 of 1 passed |  |
| 402 | |  | | --- | | mic\_MachineExceptionInterrupt | | 100 % | 100 % | 1 of 1 passed |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | **No.** | **Name** | **C0** | **C1** | **Test Cases** | **Result** | | --- | --- | --- | --- | --- | --- | |  | |  | | --- | | Unit\_On\_Target\_eCS 2 | | 100 % | 100 % | 5 of 5 passed |  | |  | |  | | --- | | eCS\_MCC | | 100 % | 100 % | 5 of 5 passed |  | |  | |  | | --- | | LPM | | 100 % | 100 % | 5 of 5 passed |  | | 1 | |  | | --- | | LPM\_sleepInit | | 100 % | 100 % | 1 of 1 passed |  | | 2 | |  | | --- | | LPM\_sleepMainLoop | | 100 % | 100 % | 1 of 1 passed |  | | 3 | |  | | --- | | LPM\_sleepRestore | | 100 % | 100 % | 1 of 1 passed |  | | 4 | |  | | --- | | OS\_ISR\_LPTMR\_ISR | | 100 % | 100 % | 1 of 1 passed |  | | 5 | |  | | --- | | OS\_ISR\_PORTD\_ISR | | 100 % | 100 % | 1 of 1 passed |  | |  |  |  |  |  |  | |