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| Firm | To |
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| AEE-C | Project Team Leader: *Daniel Andris* |
| AEE-C | Software line Manager: *Mihai Ianos* |
|  |  |

**Software Development UNIT Tests**

**Summary Report**

**Project: AUDI TR6**

**SW Version: P030**

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# 1. Introduction

## Definitions and Abbreviations

SW Software

HW Hardware

PP Pre-Pretensionner

## Test scope

All modules included in the P030 scope, as defined in the unit test strategy for each release (see Software Development Plan).

## Product Identification

**Project Name:** AUDI\_TR6

**Software Version:** P030

## Document References

### Input Documents (Customer Specifications, Autoliv Specifications)

|  |  |  |
| --- | --- | --- |
| **Ref.** | **Document** | **Path** |
| 1 | AdcIf Design Documentation | [AdcIf/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/AdcIf/Design/project.pj) |
| 2 | ATM Design Documentation | [ATM/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/ATM/Design/project.pj) |
| 3 | BFD Design Documentation | [BFD/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/BFD/Design/project.pj) |
| 4 | BFE Design Documentation | [BFE/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/BFE/Design/project.pj) |
| 5 | BFS Design Documentation | [BFS/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/BFS/Design/project.pj) |
| 6 | BMM Design Documentation | [BMM/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/BMM/Design/project.pj) |
| 7 | BPA Design Documentation | [BPA/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/BPA/Design/project.pj) |
| 8 | BswMIf Design Documentation | [BswMIf/Design/project.pj](http://alva-mks01.alv.autoliv.int:7001/si/viewrevision?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Development/Components/Application/BswMIf/Design/project.pj&selection=BswMIf%20-%20Detailed%20Design%20Document.docx&revision=:member) |
| 9 | CIL Design Documentation | [CIL/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/CIL/Design/project.pj) |
| 10 | DcmIf Design Documentation | [DcmIf/Design/project.pj](http://alva-mks01.alv.autoliv.int:7001/si/viewrevision?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Development/Components/Application/DcmIf/Design/project.pj&selection=DcmIf%20-%20Detailed%20Design%20Document.docx&revision=:member) |
| 11 | DemIf Design Documentation | [DemIf/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/DemIf/Design/project.pj) |
| 12 | DIA Design Documentation | [DIA/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/DIA/Design/project.pj) |
| 13 | EOL Design Documentation | [EOL/Design/project.pj](http://alva-mks01.alv.autoliv.int:7001/si/viewrevision?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Development/Components/Application/EOL/Design/project.pj&selection=EOL-Detailed%20Design%20Document.docx&revision=:member) |
| 14 | ERH Design Documentation | [ERH/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/ERH/Design/project.pj) |
| 15 | HWA Design Documentation | [HWA/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/HWA/Design/project.pj) |
| 16 | MIC Design Documentation | [MIC/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/MIC/Design/project.pj) |
| 17 | MMG Design Documentation | [MMG/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/MMG/Design/project.pj) |
| 18 | NmIf Design Documentation | NmIf/Design/project.pj |
| 19 | NvMIf Design Documentation | [NvMIf/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/NvMIf/Design/project.pj) |
| 20 | PAL Design Documentation | [PAL/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/PAL/Design/project.pj) |
| 21 | PMP Design Documentation | [PMP/Design/project.pj](http://alva-mks01.alv.autoliv.int:7001/si/viewrevision?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Development/Components/Application/PMP/Design/project.pj&selection=PMP%20-%20Detailed%20Design%20Document.docx&revision=:member) |
| 22 | PortIf Design Documentation | [PortIf/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/PortIf/Design/project.pj) |
| 23 | PRO Design Documentation | [PRO/Design/project.pj](http://alva-mks01.alv.autoliv.int:7001/si/viewrevision?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Development/Components/Application/PRO/Design/project.pj&selection=PRO%20-%20Detailed%20Design%20Document.docx&revision=:member) |
| 24 | RCM Design Documentation | [RCM/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/RCM/Design/project.pj) |
| 25 | SCM Design Documentation | [SCM/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/SCM/Design/project.pj) |
| 26 | SFR Design Documentation | [SFR/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/SFR/Design/project.pj) |
| 27 | SpiIf Design Documentation | [SpiIf/Design/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/SpiIf/Design/project.pj) |

### Output Documents (Test Docs)

|  |  |  |
| --- | --- | --- |
| **Ref.** | **Document** | **Path** |
| 1 | AdcIf\_UnitTestReport.xslx | [AdcIf/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/AdcIf/Tests/project.pj) |
| 2 | ATM\_UnitTestReport.xslx | [ATM/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/ATM/Tests/project.pj) |
| 3 | BFD\_UnitTestReport.xslx | [BFD/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/BFD/Tests/project.pj) |
| 4 | BFE MBD Tests | [BFE/Design/MBD/MBD\_Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/BFE/Design/MBD/MBD_Tests/project.pj) |
| 5 | BFS MBD Tests | [BFS/Design/MBD/MBD\_Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/BFS/Design/MBD/MBD_Tests/project.pj) |
| 6 | BMM\_UnitTestReport.xslx | [BMM/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/BMM/Tests/project.pj) |
| 7 | BPA MBD Tests | [BPA/Design/MBD/MBD\_Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/BPA/Design/MBD/MBD_Tests/project.pj) |
| 8 | BswMIf\_UnitTestReport.xslx | [BswMIf/Tests/project.pj&revision=:member](http://alva-mks01.alv.autoliv.int:7001/si/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Development/Components/Application/BswMIf/Tests/project.pj&revision=:member) |
| 9 | CIL\_UnitTestReport.xslx | [CIL/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/CIL/Tests/project.pj) |
| 10 | DcmIf\_UnitTestReport.xslx | [DcmIf/Tests/project.pj&revision=:member](http://alva-mks01.alv.autoliv.int:7001/si/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Development/Components/Application/DcmIf/Tests/project.pj&revision=:member) |
| 11 | DemIf\_UnitTestReport.xslx | [DemIf/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/DemIf/Tests/project.pj) |
| 12 | DIA\_UnitTestReport.xslx | [DIA/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/DIA/Tests/project.pj) |
| 13 | EOL Design Documentation | [EOL/Tests/project.pj](http://alva-mks01.alv.autoliv.int:7001/si/viewrevision?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Development/Components/Application/EOL/Tests/project.pj&selection=EOL_UnitTestReport.xlsx&revision=:member) |
| 14 | ERH\_UnitTestReport.xslx | [ERH/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/ERH/Tests/project.pj) |
| 15 | HWA MBD Tests | [HWA/Design/MBD/MBD\_Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/HWA/Design/MBD/MBD_Tests/project.pj) |
| 16 | MIC\_UnitTestReport.xslx | [MIC/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/MIC/Tests/project.pj) |
| 17 | MMG\_UnitTestReport.xslx | [MMG/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/MMG/Tests/project.pj) |
| 18 | NvMIf\_UnitTestReport.xslx | [NvMIf/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/NvMIf/Tests/project.pj) |
| 19 | NmIf\_UnitTestReport.xslx | [NmIf/Tests/unittest/project.pj&revision=:member](http://alva-mks01.alv.autoliv.int:7001/si/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Development/Components/Application/NmIf/Tests/unittest/project.pj&revision=:member) |
| 20 | PAL\_UnitTestReport.xslx | [PAL/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/PAL/Tests/project.pj) |
| 21 | PMP\_UnitTestReport.xslx | [PMP/Tests/unittest/project.pj&revision=:member](http://alva-mks01.alv.autoliv.int:7001/si/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Development/Components/Application/PMP/Tests/unittest/project.pj&revision=:member) |
| 22 | PortIf\_UnitTestReport.xslx | [PortIf/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/PortIf/Tests/project.pj) |
| 23 | PRO MBD Tests | [PRO/Design/MBD/project.pj&revision=:member](http://alva-mks01.alv.autoliv.int:7001/si/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Development/Components/Application/PRO/Design/MBD/project.pj&revision=:member) |
| 24 | RCM\_UnitTestReport.xslx | [RCM/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/RCM/Tests/project.pj) |
| 25 | SCM\_UnitTestReport.xslx | [SCM/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/SCM/Tests/project.pj) |
| 26 | SFR Design Documentation | [SFR/Design/MBD/MBD\_Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/SFR/Design/MBD/MBD_Tests/project.pj) |
| 27 | SpiIf\_UnitTestReport.xslx | [SpiIf/Tests/project.pj](http://alva-mks01:7001/siro/viewproject?projectName=e:/MKSProjects/SBE/PP/AUDI_TR6/Phase_01/View_Release/Components/Application/SpiIf/Tests/project.pj) |

# Test Results

## Information of verification performed

### P030 Tests

|  |  |  |
| --- | --- | --- |
| **TC** | **Result** | **Requirements** |
|  |  |  |

Notes:

***Number of tests:***

***Number of tests passed:***

***Number of tests failed: 0***

***Number of tests not run: 0***