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|  |  |  |  |
|  |  |  |  |

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# Introduction

## Document Purpose

The Feature Implementation Specification (FIS) specifies the deployment of the logical functions of a feature to an electrical architecture. The FIS specifies all interactions between the ECUs of the electrical architecture required for the feature including the technical signals and the interfaces. It also gives interface and integration requirements, which are specific to the feature for the electrical architecture.

To get more information about the concept of feature, function and component level abstraction refer to the [Ford RE Wiki](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Engineering+for+SW+Enabled+Features).

## Document Scope

This FIS describes the deployment of the feature to the following electrical architecture(s):

*No Electrical Architecture found.*

## Document Audience

The FIS is authored by . All Stakeholders, i.e., all people who have a valid interest in the feature implementation should read and, if possible, review the FIS. It needs to be guaranteed, that all stakeholders have access to the currently valid version of the FIS.

### Stakeholder List

For the latest list of stakeholder of the feature and their influence refer to: [Click here to open the latest Stakeholders List.](mdel%3A%2F%2Fc6a31ae2-8d88-45cc-bd12-e454b6149bab)

## Document Organization

### Document Context

Refer to the [Specification Structure page](http://wiki.ford.com/display/RequirementsEngineering/Specification+templates) in the [Ford RE Wiki](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Engineering+for+SW+Enabled+Features) to understand how the FIS relates to other Ford Requirements Documents and Specifications.

### Document Structure

The structure of this document is explained below:

**Section 1** – Introduction – Giving an explanation how to use this document including responsibilities and the scope of the document. Additionally, it contains the revision history and a list of unsettled but known issues that have to be consolidated in future versions. It explains the terminology and gives a clarification of the definitions, concepts and abbreviations used in the document.

**Section 2** – Feature Implementation Description – Giving an overview of the platform and listing assumptions, constraints or dependencies

**Section 3** – Feature Implementation Architecture – Describing 3 Architecture Views:

* Functional Architecture – Showing the logical architecture of functions
* Physical Architecture – Showing the physical architecture (first of all the E/E Architecture), which the Logical Functions get allocated to.
* Software Architecture – Showing the software architecture relevant for the feature (for features with in-house development only)
* Function Deployment – Presenting the allocation of logical functions and signals to the electrical and other components

**Section 4** – Deployment Specific Modeling –Modeling techniques providing additional detail on e.g. interface behavior

**Section 5** – Deployment Specific Requirements – Deployment specific requirements for ECUs, Network Communication, and Process

**Section 6** – List of Open Concerns

**Section 7** – Revision History

**Section 8** – Appendix - Presenting additional data mainly in a tabular form, e.g., a data dictionary

## Document Conventions

### Requirements Templates

Refer to “[How to use the Specification Templates](http://wiki.ford.com/display/RequirementsEngineering/How+to+use+the+Specification+Templates?src=contextnavpagetreemode)” on how to use the specification templates and the VBA macros to create/edit the requirements in the specifications.

The VBA macro enable the import of the specification to VSEM (refer to ["How to import specifications into VSEM as separate requirements"](http://wiki.ford.com/pages/viewpage.action?pageId=104991616&src=contextnavpagetreemode)).

#### Identification of requirements

The unique requirement ID given in the headline of any requirement follows the requirement throughout the development process. The requirement ID format follows a well-defined syntax.

All identifiers in an FIS shall be composed of 4 parts:

* A leading prefix, which indicates the type of requirement (R=Requirement, UC=Use Case, SC=Scenario, …)
* A prefix, which indicates the abstraction level (F=Feature, FNC=Function, CMP = component).
* Followed by a name, indicating the scope, which the requirement belongs to (e.g. feature or function name )
* Ending with the actual requirement number

*Example:*

*R\_CMP\_LockArbitrator\_00004* This is the fourth requirement on component level for the function Lock Arbitrator.

#### Requirements Attributes

Additionally attributes can be added to each requirement. This helps to classify requirements. A [list of available attributes](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes?src=contextnavpagetreemode) is given in the RE Wiki.

## References

### Ford Documents

The list of all Ford internal documents, which are directly related.

| **Reference** | **Title** | **Doc. ID** | **Document Location** | **Revision** |
| --- | --- | --- | --- | --- |
| ClearExitAssist | Feature Document ClearExitAssist |  |  |  |
| Custom Drive Mode Feature AFS | Custom Drive Mode (CDM) Aggregated Feature Specification V0.9.1 |  |  |  |
| Doors Off\_AFS | Doors Off Aggregated Feature Specification |  |  |  |
| DriverIDFeatureSpecification | DriverIDFeatureSpecificationV1.13 |  |  |  |
| Feature Document Ambient Lighting | Ambient Lighting Feature Document V1.2 |  |  |  |
| Feature Document Turn Indicator | Feature Document Turn Indicator |  |  |  |
| Functional Specification Body Control Module | BCM Functional Specification | FS-PU5T-14B476-AGB003 |  |  |
| HMI Spec - APIM | VEHICLE SETTINGS APIM SPSS V1.23 | VSv2-FUN-REQ-025223 |  |  |
| Lincoln Embrace | Lincoln Embrace / Ford Welcome-Farewell Feature Specification\_v2.2.2\_CDX707 |  |  |  |
| Low Voltage Device Charging\_Core\_Boundary Diagram | Low Voltage Device Charging\_Core\_Boundary Diagram C C Variant |  |  |  |
| Navigation APIM SPSS | Feature – Navigation APIM Infotainment Subsystem Part Specific Specification (SPSS) |  |  |  |

Table 1‑2: Ford internal Documents

### External Documents and Publications

The list of external documents could include books, reports and online sources.

| **Reference** | **Document / Publication** | **Document Location** |
| --- | --- | --- |
| Air Condition Spec |  |  |
| APIM SPSS on Incoming Call |  |  |
| APIM SPSS on Voice Control |  |  |
| Enhanced Memory | Feature Document F000172 |  |
| IEEE Std 1012-2004 IEEE Standard for Software Verification and Validation |  |  |
| ISO/IEC 19500-2:2003 | Information technology -- Open Distributed Processing -- Part 2 |  |
| Relax Mode | Feature Document F004131 |  |
| Selectable Drive Mode | Feature Document F000549 |  |
| UML Testing Profile (UTP), v1.2 |  |  |
| Wikipedia |  |  |

Table 1‑3: External documents and publications

## Glossary

### Definitions

| **Definition** | **Description** |
| --- | --- |
| Ambient Lights Color | Completed by the combination of red, green and blue three colors |
| Music Rhythm | Ambient lights rhythm with sound frequency and loudness change |

Table 1‑4: Definitions used in this document

### Abbreviations

| **Abbr.** | **Stands for** |
| --- | --- |
| ABS | Anti-lock Braking System |
| ADAS | Advanced Driver Assistance System |
| ALCM | Ambient Lighting Control Module |
| APIM | Auxiliary Protocol Interface Module |
| BCM | Body Control Module |
| CAN | Controller Area Network |
| CEA | Clear Exit Assist |
| ECG | Gateway Module |
| ECU | Electronic Control Module |
| HMI | Human Machine Interaction |
| IVI | In-Vehicle Infotainment |
| LDM | LED Driver Module |
| LIN | Local Interconnect Network |
| MR | Music Music Rhythm |
| SDM | System Driver Mode |
| W/F | Welcome/Farewell |

Table 1‑5: Abbreviations used in this document.

# Feature Implementation Overview

## Description

## Input Requirements/Documents

|  |  |  |  |
| --- | --- | --- | --- |
| **Reference**  (Reference as listed in ch. “References”) | **Section/Requirement** | **Description** | **Derived Requirement**  (optional – reference to requirement in ch. “Feature Implementation Requirements”) |
| **Feature/Function Requirements** | | | |
|  |  |  |  |
|  |  |  |  |
| **Ford Engineering Standards** | | | |
|  |  |  |  |
|  |  |  |  |
| **Legal Regulations** | | | |
|  | Compliance with FMVSS101 | The Feature shall comply with FMVSS101. |  |
|  |  |  |  |
| **Industry Standards** | | | |
|  | ISO 26262 | The system should be developed according to Ford's implementation of Functional Safety. |  |
|  |  |  |  |
| **Other Sources** | | | |
|  |  |  |  |
|  | Example AR |  |  |
|  | EMC |  |  |
|  |  |  |  |

Table 2‑1: Input Requirements/Documents

## Lessons Learned

No lessons learned specified.

## Assumptions

No Assumptions specified.

# Feature Implementation Architecture

## Functional Architecture

### Description

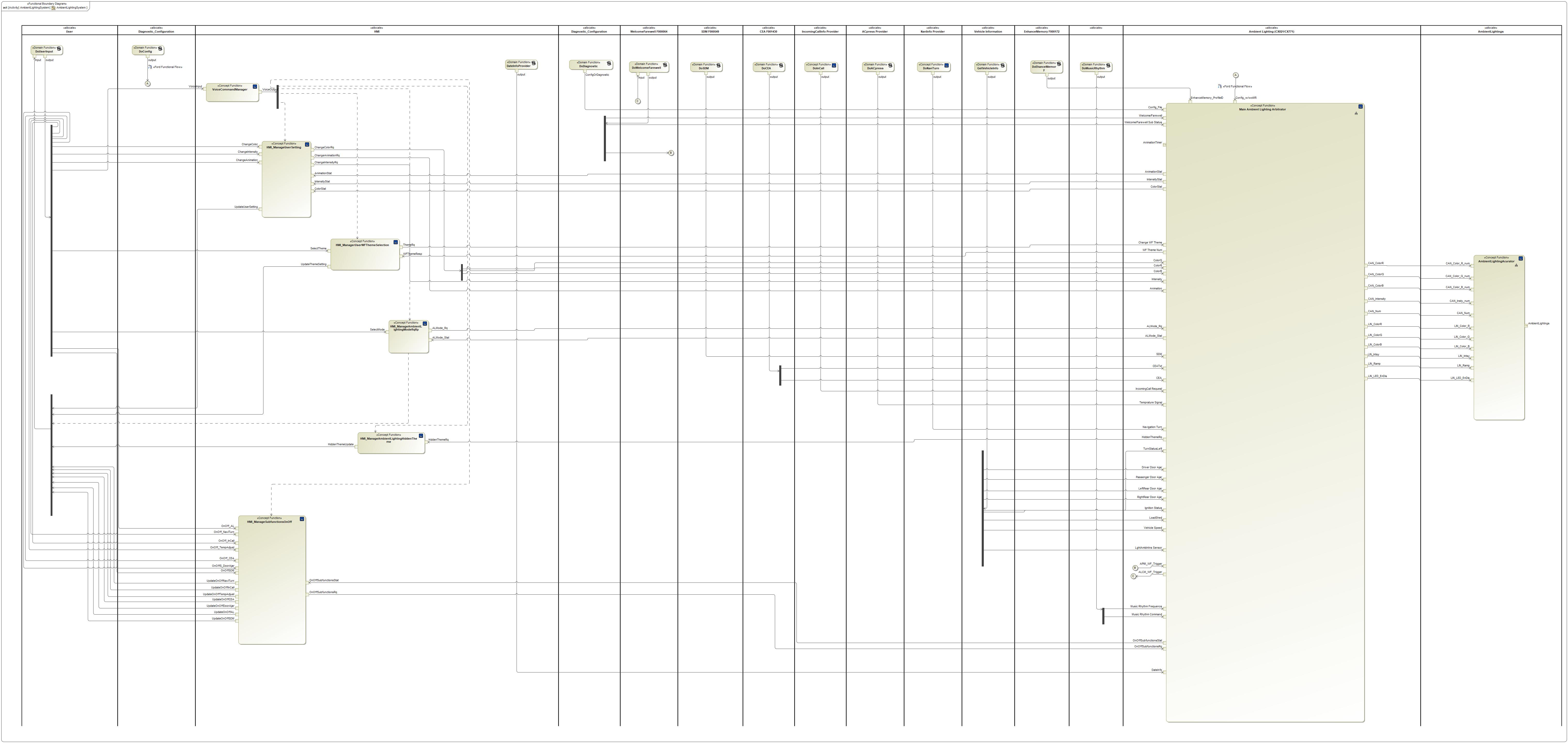


Figure 3‑1: AmbientLightingSystem

-194251649.jpg

Figure 3‑1: Functional Decomposition

### Function List

The following functions from the [Global Feature & Function List](https://www.vsemweb.ford.com:443/tc/launchapp?-attach=true&-s=226TCSession&-o=ZmZNi0JHx3NrTDAAAAAAAAAAAAA) are referenced in this Feature Implementation Specification:

| **Function ID** | Function Name | Function Description |
| --- | --- | --- |
| LF\_AMBL\_1 | 875422011.jpg DetermineALConditionCheck | This function is to determine if preconditions are met for ambient lighting output. |
| LF\_AMBL\_2 | 875422011.jpg DetermineALwithWlFl | This function is to perform WF command and control output of ambient lighting. |
| LF\_AMBL\_3 | 875422011.jpg DetermineCEA | This function is to determine CEA logic and control output of ambient lighting. |
| LF\_AMBL\_4 | 875422011.jpg DetermineTemp | This function is to determine ACpress logic and control output of ambient lighting. |
| LF\_AMBL\_5 | 875422011.jpg DetermineDoorAjar | This function is to determine door ajar logic and control output of ambient lighting. |
| LF\_AMBL\_6 | 875422011.jpg DetermineNaviTurn | This function is to determine NaviTurn logic and control output of ambient lighting. |
| LF\_AMBL\_7 | 875422011.jpg DetermineALwithThemeRq | This function is to perform Theme command and control output of ambient lighting. |
| LF\_AMBL\_9 | 875422011.jpg DetermineALwithSDMcommand | This function is to perform SDM command and control output of ambient lighting. |
| LF\_AMBL\_10 | 875422011.jpg DetermineALwithDoorAjar | This function is to perform door ajar command and control output of ambient lighting. |
| LF\_AMBL\_11 | 875422011.jpg DetermineInCall | This function is to determine incoming call logic and control output of ambient lighting. |
| LF\_AMBL\_12 | 875422011.jpg ManageALAutoIntensity | This function is to determine ambient lighting intensity request and control output of ambient lighting intensity. |
| LF\_AMBL\_13 | 875422011.jpg GenerateMRrq |  |
| LF\_AMBL\_15 | 875422011.jpg ManageALWFTheme | This function is to determine WF Theme choice and control output of ambient lighting. |
| LF\_AMBL\_16 | 875422011.jpg ManageALwithUserSetting | This function is to perform user setting command and control output of ambient lighting. |
| LF\_AMBL\_17 | 875422011.jpg ManageALManualModeRq | This function is to perform mode chosen command and control output of ambient lighting. |
| LF\_AMBL\_20 | 875422011.jpg ManageALHiddenTheme | This function is to perform Hidden Theme command and control output of ambient lighting. |
| LF\_AMBL\_21 | 875422011.jpg ManageAmbientLightingOutput | This function is to determine ambient lighting output due to logical request input. |
| LF\_AMBL\_26 | 875422011.jpg GeneratorIncomingCall | This function is to generate Incoming Call request. |
| LF\_AMBL\_28 | 875422011.jpg HMI\_ManageAmbientLightingModeRqRp | This function is to generate ambient lighting mode request from HMI and feedback choice to user. |
| LF\_AMBL\_29 | 875422011.jpg HMI\_ManageSubfunctionsOnOff | This function is to generate subfunction On/Off request from HMI and feedback choice to user. |
| LF\_AMBL\_30 | 875422011.jpg HMI\_GenerateWFThemeRequest | This function is to generate WF theme request from HMI and feedback choice to user. |
| LF\_AMBL\_31 | 875422011.jpg HMI\_ManageAmbientLightingSDMRq | This function is to turn On/Off SDM with ambient lighting function from HMI and feedback to user. |
| LF\_AMBL\_32 | 875422011.jpg HMI\_GenerateUserSettingRequests/ReceiveResponse | This function is to generate user setting request from HMI and feedback choice to user. |
| LF\_AMBL\_33 | 875422011.jpg HMI\_ManageIntensity | This function is to set intensity of vehicle by HMI and feedback to user. |

Table 3‑1: List of Functions

### Signal List

| **Signal Name** | **Description** |
| --- | --- |

Table 3‑3: List of Logical Signals

## Physical Architecture

### E/E Architecture

#### E/E Architecture Variants

*No E/E Architecture Variant found.*

##### E/E Architecture “Architecture Variant 1”

This E/E Architecture variant … <add some explanatory text here>

*No “Vehicle System Behavior” found.*

##### E/E Architecture “Architecture Variant 2”

#### E/E Components

|  |  |
| --- | --- |
| Component Name | **Description** |

Table 3‑6: Electrical Components

#### E/E Connections

*No E/E Connections found.*

#### Signal List

| **Signal Name** | **Description** |
| --- | --- |
|  |  |
| -671259541.jpg **ActvDrvMde\_D2\_Stat** | From ABS to show which drive mode already been selected |
| -671259541.jpg **ALCM\_AmblIntensity\_FB** | Ambl brightness vehicle feedback from ALCM feedback to APIM |
| -671259541.jpg **ALCM\_AmblIntensity\_Set** | Ambl brightness vehicle Setting from ALCM feedback to ALD |
| -671259541.jpg **ALCM\_AmblIntensity\_Zone1\_FB** | Ambl brightness Zone1 feedback from ALCM feedback to APIM |
| -671259541.jpg **ALCM\_AmblIntensity\_Zone2\_FB** | Ambl brightness Zone2 feedback from ALCM feedback to APIM |
| -671259541.jpg **ALCM\_AmblIntensity\_Zone3\_FB** | Ambl brightness Zone3 feedback from ALCM feedback to APIM |
| -671259541.jpg **ALCM\_AmblIntensity\_Zone4\_FB** | Ambl brightness Zone4 feedback from ALCM feedback to APIM |
| -671259541.jpg **ALCM\_AmblIntensity\_Zone5\_FB** | Ambl brightness Zone5 feedback from ALCM feedback to APIM |
| -671259541.jpg **ALCM\_AnimationType\_FB** | Ambl AnimationType feedback from ALCM feedback to APIM |
| -671259541.jpg **ALCM\_AnimationType\_Zone1\_FB** | Ambl AnimationType Zone1 Setting from ALCM feedback to APIM |
| -671259541.jpg **ALCM\_AnimationType\_Zone2\_FB** | Ambl AnimationType Zone2 Setting from ALCM feedback to APIM |
| -671259541.jpg **ALCM\_AnimationType\_Zone3\_FB** | Ambl AnimationType Zone3 Setting from ALCM feedback to APIM |
| -671259541.jpg **ALCM\_AnimationType\_Zone4\_FB** | Ambl AnimationType Zone4 Setting from ALCM feedback to APIM |
| -671259541.jpg **ALCM\_AnimationType\_Zone5\_FB** | Ambl AnimationType Zone5 Setting from ALCM feedback to APIM |
| -671259541.jpg **ALCM\_CallVehicleFunction\_FB** | From ALCM to APIM feedback vehicle function status |
| -671259541.jpg **ALCM\_HD\_Theme1\_Rq** | From ALCM sent information of hide Theme to APIM |
| -671259541.jpg **ALCM\_Zone\_FB** | From ALCM feedback the selected zone status to APIM |
| -484784322.jpg **AmbientLightingIntensity\_Set\_LIN** | Ambl brightness Setting from ALCM to Driver by LIN |
| -671259541.jpg **Ambl\_AirConditioner\_On/Off\_FB** | From ALCM to show status of AirConditioner temperature change function |
| -671259541.jpg **Ambl\_CEA\_On/Off\_FB** | From ALCM to show status of DoorAjar function |
| -671259541.jpg **Ambl\_Color\_B\_Value\_FB** | Ambl corlor blue value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_B\_Value\_Set** | Ambl corlor blue value Setting from ALCM to Driver by CAN |
| -484784322.jpg **Ambl\_Color\_B\_Value\_Set\_LIN** | Ambl corlor blue value Setting from ALCM to Driver by LIN |
| -671259541.jpg **Ambl\_Color\_B\_Value\_Zone1\_FB** | Ambl corlor blue value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_B\_Value\_Zone2\_FB** | Ambl corlor blue value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_B\_Value\_Zone3\_FB** | Ambl corlor blue value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_B\_Value\_Zone4\_FB** | Ambl corlor blue value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_B\_Value\_Zone5\_FB** | Ambl corlor blue value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_G\_Value\_FB** | Ambl corlor green value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_G\_Value\_Set** | Ambl corlor green value Setting from ALCM to Driver by CAN |
| -671259541.jpg **Ambl\_Color\_G\_Value\_Zone1\_FB** | Ambl corlor green value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_G\_Value\_Zone2\_FB** | Ambl corlor green value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_G\_Value\_Zone3\_FB** | Ambl corlor green value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_G\_Value\_Zone4\_FB** | Ambl corlor green value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_G\_Value\_Zone5\_FB** | Ambl corlor green value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_R\_Value\_FB** | Ambl corlor red value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_R\_Value\_Set** | Ambl corlor red value Setting from ALCM to Driver by CAN |
| -484784322.jpg **Ambl\_Color\_R\_Value\_Set\_LIN** | Ambl corlor green value Setting from ALCM to Driver by LIN |
| -671259541.jpg **Ambl\_Color\_R\_Value\_Zone1\_FB** | Ambl corlor red value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_R\_Value\_Zone2\_FB** | Ambl corlor red value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_R\_Value\_Zone3\_FB** | Ambl corlor red value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_R\_Value\_Zone4\_FB** | Ambl corlor red value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_Color\_R\_Value\_Zone5\_FB** | Ambl corlor red value Setting from ALCM feedback to APIM |
| -671259541.jpg **Ambl\_DoorAjar\_On/Off\_FB** | From ALCM to show status of DoorAjar function |
| -671259541.jpg **Ambl\_Incomingcall\_On/Off\_FB** | From ALCM to show status of incoming call status |
| -671259541.jpg **Ambl\_Music\_Frq\_Level** | From APIM to ALCM show the voice frequency |
| -671259541.jpg **Ambl\_Music\_Range\_Level** | From APIM to ALCM to show the voice loudness |
| -671259541.jpg **Ambl\_NavigationTurn\_On/Off\_FB** | From ALCM to show status of navigation turn function |
| -671259541.jpg **ClrExitAsstActv\_B\_Rq** | From ADAS to Disable or Enable CEA function |
| -671259541.jpg **ClrExitAsstMsgTxt2\_D\_Rq** | From ADAS to show which doors are in CEA status |
| -671259541.jpg **Delay\_ACC** |  |
| -671259541.jpg **DrStatDrv\_B\_Actl** | From BCM to show the door status of driver side |
| -671259541.jpg **DrStatPsngr\_B\_Actl** | From BCM to show door status of copilot |
| -671259541.jpg **DrStatRl\_B\_Actl** | From BCM to show door status of real left side |
| -671259541.jpg **DrStatRr\_B\_Actl** | From BCM to show door status of real right side |
| -671259541.jpg **Drv\_Set\_Temp** | From APIM to show the setting temperature of driver side |
| -671259541.jpg **FrwlAnmtnDsply\_D\_Rq** | From ALCM to APIM to start animation of APIM at farewell status |
| -671259541.jpg **Ignition\_Status** | From BCM to show the vehicle ignition status |
| -671259541.jpg **In\_ComingCall\_Status** | From APIM to show the incoming call status |
| -671259541.jpg **IVI\_Ambl\_AnimationType\_Rq** | Form APIM to show the request of vehicle animation type |
| -671259541.jpg **IVI\_Ambl\_AnimationType\_Zone1\_Rq** | Form APIM to show the request of zone1 animation type |
| -671259541.jpg **IVI\_Ambl\_AnimationType\_Zone2\_Rq** | Form APIM to show the request of zone1 animation type |
| -671259541.jpg **IVI\_Ambl\_AnimationType\_Zone3\_Rq** | Form APIM to show the request of zone3 animation type |
| -671259541.jpg **IVI\_Ambl\_AnimationType\_Zone4\_Rq** | Form APIM to show the request of zone4 animation type |
| -671259541.jpg **IVI\_Ambl\_AnimationType\_Zone5\_Rq** | Form APIM to show the request of zone5 animation type |
| -671259541.jpg **IVI\_Ambl\_BColor\_Rq** | From APIM to ALCM setting the blue color value of Vehicle |
| -671259541.jpg **IVI\_Ambl\_BColor\_Zone1\_Rq** | From APIM to ALCM setting the blue color value of zone1 |
| -671259541.jpg **IVI\_Ambl\_BColor\_Zone2\_Rq** | From APIM to ALCM setting the blue color value of zone2 |
| -671259541.jpg **IVI\_Ambl\_BColor\_Zone3\_Rq** | From APIM to ALCM setting the blue color value of zone3 |
| -671259541.jpg **IVI\_Ambl\_BColor\_Zone4\_Rq** | From APIM to ALCM setting the blue color value of zone4 |
| -671259541.jpg **IVI\_Ambl\_BColor\_Zone5\_Rq** | From APIM to ALCM setting the blue color value of zone5 |
| -671259541.jpg **IVI\_Ambl\_GColor\_Rq** | From APIM to ALCM setting the green color value of vehicle |
| -671259541.jpg **IVI\_Ambl\_GColor\_Zone1\_Rq** | From APIM to ALCM setting the green color value of Zone1 |
| -671259541.jpg **IVI\_Ambl\_GColor\_Zone2\_Rq** | From APIM to ALCM setting the green color value of Zone2 |
| -671259541.jpg **IVI\_Ambl\_GColor\_Zone3\_Rq** | From APIM to ALCM setting the green color value of Zone3 |
| -671259541.jpg **IVI\_Ambl\_GColor\_Zone4\_Rq** | From APIM to ALCM setting the green color value of Zone4 |
| -671259541.jpg **IVI\_Ambl\_GColor\_Zone5\_Rq** | From APIM to ALCM setting the green color value of Zone5 |
| -671259541.jpg **IVI\_Ambl\_Main\_Intensity\_Rq** | From APIM to ALCM setting the brightness value of vehicle |
| -671259541.jpg **IVI\_Ambl\_Main\_Intensity\_Zone1\_Rq** | From APIM to ALCM setting the brightness value of zone1 |
| -671259541.jpg **IVI\_Ambl\_Main\_Intensity\_Zone2\_Rq** | From APIM to ALCM setting the brightness value of zone2 |
| -671259541.jpg **IVI\_Ambl\_Main\_Intensity\_Zone3\_Rq** | From APIM to ALCM setting the brightness value of zone3 |
| -671259541.jpg **IVI\_Ambl\_Main\_Intensity\_Zone4\_Rq** | From APIM to ALCM setting the brightness value of zone4 |
| -671259541.jpg **IVI\_Ambl\_Main\_Intensity\_Zone5\_Rq** | From APIM to ALCM setting the brightness value of zone5 |
| -671259541.jpg **IVI\_Ambl\_RColor\_Rq** | From APIM to ALCM setting the Red color value of vehicle |
| -671259541.jpg **IVI\_Ambl\_RColor\_Zone1\_Rq** | From APIM to ALCM setting the Red color value of zone1 |
| -671259541.jpg **IVI\_Ambl\_RColor\_Zone2\_Rq** | From APIM to ALCM setting the Red color value of zone2 |
| -671259541.jpg **IVI\_Ambl\_RColor\_Zone3\_Rq** | From APIM to ALCM setting the Red color value of zone3 |
| -671259541.jpg **IVI\_Ambl\_RColor\_Zone4\_Rq** | From APIM to ALCM setting the Red color value of zone4 |
| -671259541.jpg **IVI\_Ambl\_RColor\_Zone5\_Rq** | From APIM to ALCM setting the Red color value of zone5 |
| -671259541.jpg **IVI\_Ambl\_Zone\_Rq** | From APIM to ALCM show selected Zone for customer setting |
| -671259541.jpg **IVI\_Navigation\_Turn\_Rq** | From APIM to show the actually navigation turn request |
| -671259541.jpg **IVI\_User\_OnOff\_Air\_Rq** | From IVI to set enable/disable Air temperature change function |
| -671259541.jpg **IVI\_User\_OnOff\_CEA** | From IVI to set enable/disable CEA |
| -671259541.jpg **IVI\_User\_OnOff\_DoorAjar\_Rq** | From IVI to set enable/disable DoorAjar function |
| -671259541.jpg **IVI\_User\_OnOff\_IncomingCall\_Rq** | From IVI to set enable/disable IncomingCall function |
| -671259541.jpg **IVI\_User\_OnOff\_NaviTurn\_Rq** | From IVI to set enable/disable navigation turn function |
| -671259541.jpg **IVICallvecleFuctionRq** | From APIM to ALCM show the Vehicle function request |
| -365390951.jpg **Led\_Response\_LIN** | From ALCM to Driver to set Whether the LED show response the brightness and color change |
| -671259541.jpg **LghtAmbDrvMde\_D\_Rq** | From APIM to ALCM to rquest SDM |
| -671259541.jpg **LghtAmbDynmc\_D\_Rq** | From APIM to ALCM show start of ambient lighting animation |
| -671259541.jpg **LghtAmblntns\_D\_sns** | From BCM to show the day night status |
| -1202536336.jpg **LIN** | Local Interconnect Network |
| 436655754.jpg **MFD\_DateTime** | From APIM to show the currently date information is a message |
| -671259541.jpg **Pers\_No\_D\_Atcl** |  |
| -671259541.jpg **Psngr\_Set\_Temp** | From APIM to show the setting temperature of passenger side |
| -365390951.jpg **RampTime\_LIN** |  |
| -671259541.jpg **RecallEvent\_No\_Cnt** |  |
| -671259541.jpg **Shed\_Level\_Req** | From BCM to show the low voltage power status |
| -671259541.jpg **TurnLghtLeft\_On\_B\_Stat** | From BCM to show the status of turn indicator to left |
| -671259541.jpg **TurnLghtRight\_On\_B\_Stat** | From BCM to show the status of turn indicator to right |
| -671259541.jpg **Veh\_V\_ActlEng** | From BCM to show the vehicle speed |
| -671259541.jpg **VehWlcmFrwl\_D\_Stat** | From BCM to show the Welcome or Farewell function status |
| -671259541.jpg **VehWlcmFrwlMde\_D\_Stat** | From BCM to show the status of Welcome/Farewell |

Table 3‑8: List of Technical Signals

### Software Component Architecture

**No Software Component Architecture Diagrams identified.**

## Function Deployment

### Deployment Variants

**No Variants defined.**

### Function Allocation

| Component | Technology Function Name | Logical Function Name |
| --- | --- | --- |
|
| 190328364.jpg ABS | 1225747231.jpg ABS\_Generator | *No logical function Realized by this Technology function.* |
| 190328364.jpg ADAS | 1225747231.jpg ADAS\_Generator | *No logical function Realized by this Technology function.* |
| 190328364.jpg APIM | 1225747231.jpg NavigationturnGenerator | *No logical function Realized by this Technology function.* |
| 1225747231.jpg IVI Configuration | *No logical function Realized by this Technology function.* |
| 1225747231.jpg Custom settings | * 875422011.jpg ManageALManualModeRq |
| 1225747231.jpg Music\_Generator | * 875422011.jpg GenerateMRrq |
| 1225747231.jpg IVISelectedFunction | * 875422011.jpg HMI\_GenerateUserSettingRequests/ReceiveResponse * 875422011.jpg HMI\_ManageAmbientLightingModeRqRp * 875422011.jpg HMI\_ManageIntensity * 875422011.jpg HMI\_ManageSubfunctionsOnOff * 875422011.jpg HMI\_GenerateWFThemeRequest * 875422011.jpg HMI\_ManageAmbientLightingSDMRq |
| 1225747231.jpg IncomingCallGenerator | * 875422011.jpg GeneratorIncomingCall |
| 1225747231.jpg VoiceCommandGenerator | *No logical function Realized by this Technology function.* |
| 1225747231.jpg TempSetGenerator | *No logical function Realized by this Technology function.* |
| 190328364.jpg BCM | 1225747231.jpg BCM\_Generator | *No logical function Realized by this Technology function.* |
| 190328364.jpg ALCM | 1225747231.jpg ALCMDetermineHiddenTheme | * 875422011.jpg ManageALHiddenTheme |
| 1225747231.jpg ALCM\_DetermineForNavigationTurn | * 875422011.jpg DetermineNaviTurn |
| 1225747231.jpg Driver lighting | * 875422011.jpg ManageAmbientLightingOutput * 875422011.jpg ManageALAutoIntensity |
| 1225747231.jpg ALCM\_DetermineForManuallySetting | * 875422011.jpg ManageALwithUserSetting |
| 1225747231.jpg ALCM\_DetermineIncomingCall | * 875422011.jpg DetermineInCall |
| 1225747231.jpg ALCMDetermineAirTemperatureChange | * 875422011.jpg DetermineTemp |
| 1225747231.jpg ALCM\_DetermineDriverMode | * 875422011.jpg DetermineALwithSDMcommand |
| 1225747231.jpg ALCM\_PreCondionCheck | * 875422011.jpg DetermineALConditionCheck |
| 1225747231.jpg ALCM\_DetermineForDoorAjar | * 875422011.jpg DetermineALwithDoorAjar * 875422011.jpg DetermineDoorAjar |
| 1225747231.jpg ALCMDetermineWellcome/Farewell | * 875422011.jpg ManageALWFTheme * 875422011.jpg DetermineALwithWlFl |
| 1225747231.jpg ALCM\_DetermineCEA | * 875422011.jpg DetermineCEA |
| 1225747231.jpg ALCMDetermineSelectedPrestoreThemeType | * 875422011.jpg DetermineALwithThemeRq |
| 1225747231.jpg ALCM\_Configuration | *No logical function Realized by this Technology function.* |

Table 3‑9: Function Allocation Table (Basic)

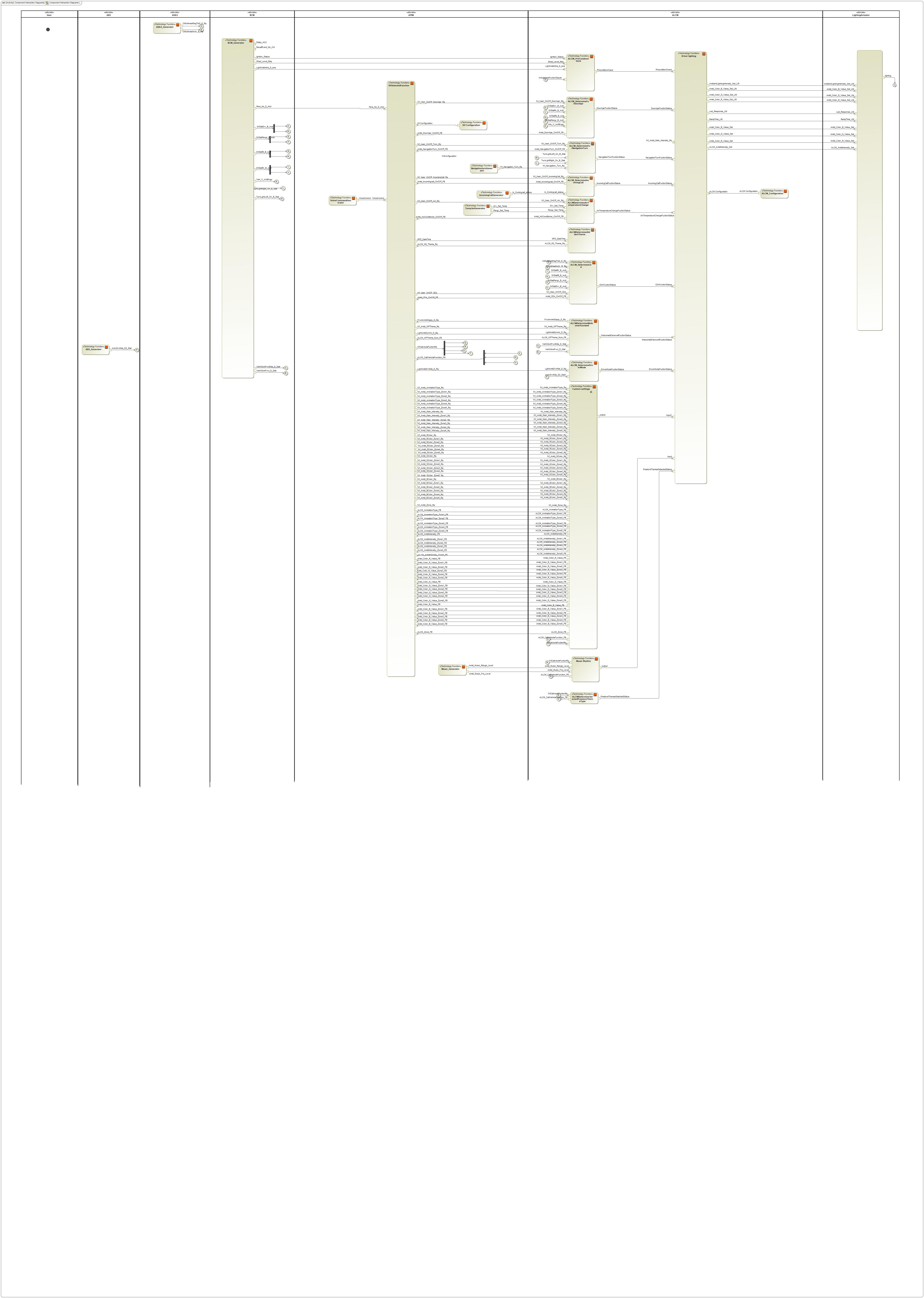
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Component | | Technology Function Name | TSR | |
| Name | ASIL |  | ID | ASIL |

Table 3‑10: Function Allocation Table (Functional Safety Extension)

# Feature Implementation Modeling

## Component Interaction Diagrams

### Scenario: Component Interaction Diagrams



## Component Interface Behavior Diagrams

**No Component Interface Diagrams identified.**

*See Appendix Section 8.1.9 for Technology State Machines*

# Feature Implementation Requirements

## Functional Safety

### ASIL Decomposition of Technical Safety Requirements

ASIL Decompositions not specified.

## Requirements on Components

### ABS

ABS

#### Technology Function -2118099752.jpg ABS\_Generator

Generate information of the driver mode

##### Function Interfaces

###### Inputs

(No inputs have been defined)

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | -35047518.jpg ActvDrvMde\_D2\_Stat | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function ABS\_Generator

##### Function Requirements

###### Component Specific Requirements

No “Approved” or “Ready for Review” requirements identified for this function.

### APIM

APIM

#### Technology Function -2118099752.jpg NavigationturnGenerator

Generator of navigation turn request signal.

##### Function Interfaces

###### Inputs

(No inputs have been defined)

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Navigation\_Turn\_Rq | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function NavigationturnGenerator

##### Function Requirements

###### Component Specific Requirements

No “Approved” or “Ready for Review” requirements identified for this function.

#### Technology Function -2118099752.jpg IVI Configuration

##### Function Interfaces

###### Inputs

(No inputs have been defined)

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function IVI Configuration

##### Function Requirements

###### Component Specific Requirements

No “Approved” or “Ready for Review” requirements identified for this function.

#### Technology Function -2118099752.jpg Custom settings

##### Function Interfaces

###### Inputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Subscriber Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_AnimationType\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_AnimationType\_Zone1\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_AnimationType\_Zone2\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_AnimationType\_Zone3\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_AnimationType\_Zone4\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_AnimationType\_Zone5\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_BColor\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_BColor\_Zone1\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_BColor\_Zone2\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_BColor\_Zone3\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_BColor\_Zone4\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_BColor\_Zone5\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_GColor\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_GColor\_Zone1\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_GColor\_Zone2\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_GColor\_Zone3\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_GColor\_Zone4\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_GColor\_Zone5\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Main\_Intensity\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Main\_Intensity\_Zone1\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Main\_Intensity\_Zone2\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Main\_Intensity\_Zone3\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Main\_Intensity\_Zone4\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Main\_Intensity\_Zone5\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Zone\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_RColor\_Zone5\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_RColor\_Zone4\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_RColor\_Zone3\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_RColor\_Zone1\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_RColor\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_RColor\_Zone2\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVICallvecleFuctionRq | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Inputs | | | |

Table 1‑1: Input Signal mappings of Function

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AnimationType\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AnimationType\_Zone1\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AnimationType\_Zone2\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AnimationType\_Zone3\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AnimationType\_Zone4\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AnimationType\_Zone5\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AmblIntensity\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AmblIntensity\_Zone1\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AmblIntensity\_Zone2\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AmblIntensity\_Zone3\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AmblIntensity\_Zone4\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AmblIntensity\_Zone5\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_B\_Value\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_B\_Value\_Zone1\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_B\_Value\_Zone2\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_B\_Value\_Zone3\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_B\_Value\_Zone4\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_B\_Value\_Zone5\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_G\_Value\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_Zone\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_CallVehicleFunction\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_R\_Value\_Zone5\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_R\_Value\_Zone4\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_R\_Value\_Zone3\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_R\_Value\_Zone2\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_R\_Value\_Zone1\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_R\_Value\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_G\_Value\_Zone5\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_G\_Value\_Zone4\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_G\_Value\_Zone3\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_G\_Value\_Zone2\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_G\_Value\_Zone1\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function Custom settings

##### Function Requirements

###### Component Specific Requirements

No “Approved” or “Ready for Review” requirements identified for this function.

#### Technology Function -2118099752.jpg Music\_Generator

Generator of music related request signal.

##### Function Interfaces

###### Inputs

(No inputs have been defined)

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Music\_Frq\_Level | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Music\_Range\_Level | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function Music\_Generator

##### Function Requirements

###### Component Specific Requirements

No “Approved” or “Ready for Review” requirements identified for this function.

#### Technology Function -2118099752.jpg IVISelectedFunction

HMI to selected ambient lighting related function.

##### Function Interfaces

###### Inputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Subscriber Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg Ambl\_DoorAjar\_On/Off\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Ambl\_Incomingcall\_On/Off\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Ambl\_AirConditioner\_On/Off\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Ambl\_NavigationTurn\_On/Off\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Pers\_No\_D\_Atcl | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg ALCM\_HD\_Theme1\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AmblIntensity\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg FrwlAnmtnDsply\_D\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AnimationType\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AnimationType\_Zone1\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AnimationType\_Zone2\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AnimationType\_Zone3\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AnimationType\_Zone4\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AnimationType\_Zone5\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AmblIntensity\_Zone1\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AmblIntensity\_Zone2\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AmblIntensity\_Zone3\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AmblIntensity\_Zone4\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AmblIntensity\_Zone5\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_B\_Value\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_B\_Value\_Zone1\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_B\_Value\_Zone2\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_B\_Value\_Zone3\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_B\_Value\_Zone4\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_B\_Value\_Zone5\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_G\_Value\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_Zone\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_CallVehicleFunction\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_R\_Value\_Zone5\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_R\_Value\_Zone4\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_R\_Value\_Zone3\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_R\_Value\_Zone2\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_R\_Value\_Zone1\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_R\_Value\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_G\_Value\_Zone5\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_G\_Value\_Zone4\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_G\_Value\_Zone3\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_G\_Value\_Zone2\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_G\_Value\_Zone1\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Ambl\_CEA\_On/Off\_FB | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Inputs | | | |

Table 1‑1: Input Signal mappings of Function

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg IVI\_User\_OnOff\_Air\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg IVI\_User\_OnOff\_DoorAjar\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg IVI\_User\_OnOff\_IncomingCall\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg IVI\_User\_OnOff\_NaviTurn\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 436655754.jpg MFD\_DateTime | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Main\_Intensity\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg LghtAmbDynmc\_D\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_AnimationType\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_AnimationType\_Zone1\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_AnimationType\_Zone2\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_AnimationType\_Zone3\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_AnimationType\_Zone4\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_AnimationType\_Zone5\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_BColor\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_BColor\_Zone1\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_BColor\_Zone2\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_BColor\_Zone3\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_BColor\_Zone4\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_BColor\_Zone5\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_GColor\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_GColor\_Zone1\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_GColor\_Zone2\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_GColor\_Zone3\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_GColor\_Zone4\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_GColor\_Zone5\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Main\_Intensity\_Zone1\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Main\_Intensity\_Zone2\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Main\_Intensity\_Zone3\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Main\_Intensity\_Zone4\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Main\_Intensity\_Zone5\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Zone\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_RColor\_Zone5\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_RColor\_Zone4\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_RColor\_Zone3\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_RColor\_Zone1\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_RColor\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_RColor\_Zone2\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVICallvecleFuctionRq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg IVI\_User\_OnOff\_CEA | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg LghtAmbDrvMde\_D\_Rq | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function IVISelectedFunction

##### Function Requirements

###### Component Specific Requirements

No “Approved” or “Ready for Review” requirements identified for this function.

#### Technology Function 2021655169.jpg IncomingCallGenerator

##### Function Interfaces

###### Inputs

(No inputs have been defined)

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg In\_ComingCall\_Status | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function IncomingCallGenerator

##### Function Requirements

###### Component Specific Requirements

No “Approved” or “Ready for Review” requirements identified for this function.

#### Technology Function 2021655169.jpg VoiceCommandGenerator

Voice control command of ambient lighting feature related

##### Function Interfaces

###### Inputs

(No inputs have been defined)

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function VoiceCommandGenerator

##### Function Requirements

###### Component Specific Requirements

No “Approved” or “Ready for Review” requirements identified for this function.

#### Technology Function 2021655169.jpg TempSetGenerator

Generator of air temperature setting signal.

##### Function Interfaces

###### Inputs

(No inputs have been defined)

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg Drv\_Set\_Temp | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Psngr\_Set\_Temp | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function TempSetGenerator

##### Function Requirements

###### Component Specific Requirements

No “Approved” or “Ready for Review” requirements identified for this function.

### ALCM

ALCM

#### Technology Function 2021655169.jpg ALCMDetermineHiddenTheme

##### Function Interfaces

###### Inputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Subscriber Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 436655754.jpg MFD\_DateTime | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Inputs | | | |

Table 1‑1: Input Signal mappings of Function

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg ALCM\_HD\_Theme1\_Rq | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function ALCMDetermineHiddenTheme

##### Function Requirements

###### Component Specific Requirements

No “Approved” or “Ready for Review” requirements identified for this function.

#### Technology Function 2021655169.jpg ALCM\_DetermineForNavigationTurn

Determines which navigation turn behavior is to be used when Ambient Lighting Feature is operating.

##### Function Interfaces

###### Inputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Subscriber Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg IVI\_User\_OnOff\_NaviTurn\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg TurnLghtLeft\_On\_B\_Stat | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg TurnLghtRight\_On\_B\_Stat | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Inputs | | | |

Table 1‑1: Input Signal mappings of Function

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg Ambl\_NavigationTurn\_On/Off\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function ALCM\_DetermineForNavigationTurn

##### Function Requirements

###### Component Specific Requirements

1472259444.jpg R\_CMP\_AMBL\_00007 - Animation For CX771 Navigation Turn

Satisfied by:

* 2021655169.jpg ALCM\_DetermineForNavigationTurn

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Requirement ID: R\_CMP\_AMBL\_00007 | | | | | | | |
| **Rationale** |  | | | | | | |
| **Acceptance Criteria** |  | | | | | | |
| **Notes** |  | | | | | | |
| **Source** |  | | | | | **Owner** |  |
| **Source Req.** |  | | | | | **V&V Method** |  |
| **Type** |  | | | **Priority** | 1 - High | **Status** | Ready for Review |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.0c | End of Requirement | | | | |

#### Technology Function 2021655169.jpg Driver lighting

##### Function Interfaces

###### Inputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Subscriber Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Main\_Intensity\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Inputs | | | |

Table 1‑1: Input Signal mappings of Function

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | -484784322.jpg Ambl\_Color\_B\_Value\_Set\_LIN | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -484784322.jpg Ambl\_Color\_R\_Value\_Set\_LIN | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -365390951.jpg Led\_Response\_LIN | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -365390951.jpg RampTime\_LIN | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Ambl\_Color\_B\_Value\_Set | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Ambl\_Color\_G\_Value\_Set | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Ambl\_Color\_R\_Value\_Set | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg ALCM\_AmblIntensity\_Set | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -484784322.jpg AmbientLightingIntensity\_Set\_LIN | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 1174839358.jpg LIN | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function Driver lighting

##### Function Requirements

###### Component Specific Requirements

No “Approved” or “Ready for Review” requirements identified for this function.

#### Technology Function 2021655169.jpg ALCM\_DetermineForManuallySetting

##### Function Interfaces

###### Inputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Subscriber Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_Zone\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_BColor\_Zone1\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_GColor\_Zone1\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVI\_Ambl\_AnimationType\_Zone1\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Pers\_No\_D\_Atcl | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Inputs | | | |

Table 1‑1: Input Signal mappings of Function

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_B\_Value\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_G\_Value\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg Ambl\_Color\_R\_Value\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_Zone\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_AnimationType\_FB | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function ALCM\_DetermineForManuallySetting

##### Function Requirements

###### Component Specific Requirements

1472259444.jpg R\_CMP\_AMBL\_00010 - Animation For CX771 Animation Type

Satisfied by:

* 2021655169.jpg ALCM\_DetermineForManuallySetting

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Requirement ID: R\_CMP\_AMBL\_00010 | | | | | | | |
| **Rationale** |  | | | | | | |
| **Acceptance Criteria** |  | | | | | | |
| **Notes** |  | | | | | | |
| **Source** |  | | | | | **Owner** |  |
| **Source Req.** |  | | | | | **V&V Method** |  |
| **Type** |  | | | **Priority** | 1 - High | **Status** | Ready for Review |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.0c | End of Requirement | | | | |

#### Technology Function 2021655169.jpg ALCM\_DetermineIncomingCall

Determines which incoming call behavior is to be used when Ambient Lighting Feature is operating.

##### Function Interfaces

###### Inputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Subscriber Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg IVI\_User\_OnOff\_IncomingCall\_Rq | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Inputs | | | |

Table 1‑1: Input Signal mappings of Function

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg Ambl\_Incomingcall\_On/Off\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function ALCM\_DetermineIncomingCall

##### Function Requirements

###### Component Specific Requirements

1472259444.jpg R\_CMP\_AMBL\_00004 - Animation For CX771 Incoming Call

Satisfied by:

* 2021655169.jpg ALCM\_DetermineIncomingCall

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Requirement ID: R\_CMP\_AMBL\_00004 | | | | | | | |
| **Rationale** |  | | | | | | |
| **Acceptance Criteria** |  | | | | | | |
| **Notes** |  | | | | | | |
| **Source** |  | | | | | **Owner** |  |
| **Source Req.** |  | | | | | **V&V Method** |  |
| **Type** |  | | | **Priority** | 1 - High | **Status** | Ready for Review |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.0c | End of Requirement | | | | |

#### Technology Function 2021655169.jpg ALCMDetermineAirTemperatureChange

Determines which air temperature change behavior is to be used when Ambient Lighting Feature is operating.

##### Function Interfaces

###### Inputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Subscriber Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg Drv\_Set\_Temp | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Psngr\_Set\_Temp | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg IVI\_User\_OnOff\_Air\_Rq | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Inputs | | | |

Table 1‑1: Input Signal mappings of Function

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg Ambl\_AirConditioner\_On/Off\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function ALCMDetermineAirTemperatureChange

##### Function Requirements

###### Component Specific Requirements

1472259444.jpg R\_CMP\_AMBL\_00006 - Animation For CX771 Air Temperature Change

Satisfied by:

* 2021655169.jpg ALCMDetermineAirTemperatureChange

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Requirement ID: R\_CMP\_AMBL\_00006 | | | | | | | |
| **Rationale** |  | | | | | | |
| **Acceptance Criteria** |  | | | | | | |
| **Notes** |  | | | | | | |
| **Source** |  | | | | | **Owner** |  |
| **Source Req.** |  | | | | | **V&V Method** |  |
| **Type** |  | | | **Priority** | 1 - High | **Status** | Ready for Review |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.0c | End of Requirement | | | | |

#### Technology Function 2021655169.jpg ALCM\_DetermineDriverMode

Determines which driver mode behavior is to be used when Ambient Lighting Feature is operating.

##### Function Interfaces

###### Inputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Subscriber Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg LghtAmbDrvMde\_D\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg ActvDrvMde\_D2\_Stat | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Inputs | | | |

Table 1‑1: Input Signal mappings of Function

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function ALCM\_DetermineDriverMode

##### Function Requirements

###### Component Specific Requirements

1472259444.jpg R\_CMP\_AMBL\_00001 - Animation For CX771 SDM

Satisfied by:

* 2021655169.jpg ALCM\_DetermineDriverMode

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Requirement ID: R\_CMP\_AMBL\_00001 | | | | | | | |
| **Rationale** |  | | | | | | |
| **Acceptance Criteria** |  | | | | | | |
| **Notes** |  | | | | | | |
| **Source** |  | | | | | **Owner** |  |
| **Source Req.** |  | | | | | **V&V Method** |  |
| **Type** |  | | | **Priority** | 1 - High | **Status** | Ready for Review |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.0c | End of Requirement | | | | |

#### Technology Function 2021655169.jpg ALCM\_PreCondionCheck

Determines preconditions for the ambient lighting feature.

##### Function Interfaces

###### Inputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Subscriber Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg Shed\_Level\_Req | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg LghtAmblntns\_D\_sns | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Ignition\_Status | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVICallvecleFuctionRq | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Inputs | | | |

Table 1‑1: Input Signal mappings of Function

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function ALCM\_PreCondionCheck

##### Function Requirements

###### Component Specific Requirements

No “Approved” or “Ready for Review” requirements identified for this function.

#### Technology Function 2021655169.jpg ALCM\_DetermineForDoorAjar

Determines which door ajar behavior is to be used when Ambient Lighting Feature is operating.

##### Function Interfaces

###### Inputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Subscriber Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg DrStatDrv\_B\_Actl | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg DrStatPsngr\_B\_Actl | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg DrStatRl\_B\_Actl | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg DrStatRr\_B\_Actl | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg IVI\_User\_OnOff\_DoorAjar\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Veh\_V\_ActlEng | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Inputs | | | |

Table 1‑1: Input Signal mappings of Function

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg Ambl\_DoorAjar\_On/Off\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function ALCM\_DetermineForDoorAjar

##### Function Requirements

###### Component Specific Requirements

1472259444.jpg R\_CMP\_AMBL\_00003 - Animation For CX771 Door Ajar

Satisfied by:

* 2021655169.jpg ALCM\_DetermineForDoorAjar

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Requirement ID: R\_CMP\_AMBL\_00003 | | | | | | | |
| **Rationale** |  | | | | | | |
| **Acceptance Criteria** |  | | | | | | |
| **Notes** |  | | | | | | |
| **Source** |  | | | | | **Owner** |  |
| **Source Req.** |  | | | | | **V&V Method** |  |
| **Type** |  | | | **Priority** |  | **Status** | Approved |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.0c | End of Requirement | | | | |

#### Technology Function 2021655169.jpg ALCMDetermineWellcome/Farewell

Determines which Welcome Farewell behavior & which Welcome Farewell theme is to be used when Ambient Lighting Feature is not operating in Ambient mode.

##### Function Interfaces

###### Inputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Subscriber Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg LghtAmbDynmc\_D\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg VehWlcmFrwl\_D\_Stat | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg VehWlcmFrwlMde\_D\_Stat | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Inputs | | | |

Table 1‑1: Input Signal mappings of Function

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg FrwlAnmtnDsply\_D\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function ALCMDetermineWellcome/Farewell

##### Function Requirements

###### Component Specific Requirements

1472259444.jpg R\_CMP\_AMBL\_00002 - Animation For CX771 Welcome & Farewell

Satisfied by:

* 2021655169.jpg ALCMDetermineWellcome/Farewell

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Requirement ID: R\_CMP\_AMBL\_00002 | | | | | | | |
| **Rationale** |  | | | | | | |
| **Acceptance Criteria** |  | | | | | | |
| **Notes** | Welcome Theme 1  Welcome Theme 2 | | | | | | |
| **Source** |  | | | | | **Owner** |  |
| **Source Req.** |  | | | | | **V&V Method** |  |
| **Type** |  | | | **Priority** | 1 - High | **Status** | Approved |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.0c | End of Requirement | | | | |

#### Technology Function 2021655169.jpg ALCM\_DetermineCEA

Determines which CEA behavior is to be used when Ambient Lighting Feature is operating.

##### Function Interfaces

###### Inputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Subscriber Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg ClrExitAsstActv\_B\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg ClrExitAsstMsgTxt2\_D\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg DrStatDrv\_B\_Actl | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg DrStatPsngr\_B\_Actl | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg DrStatRl\_B\_Actl | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg DrStatRr\_B\_Actl | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg IVI\_User\_OnOff\_CEA | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Inputs | | | |

Table 1‑1: Input Signal mappings of Function

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Ambl\_CEA\_On/Off\_FB | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function ALCM\_DetermineCEA

##### Function Requirements

###### Component Specific Requirements

1472259444.jpg R\_CMP\_AMBL\_00005 - Animation For CX771 CEA

Satisfied by:

* 2021655169.jpg ALCM\_DetermineCEA

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Requirement ID: R\_CMP\_AMBL\_00005 | | | | | | | |
| **Rationale** |  | | | | | | |
| **Acceptance Criteria** |  | | | | | | |
| **Notes** |  | | | | | | |
| **Source** |  | | | | | **Owner** |  |
| **Source Req.** |  | | | | | **V&V Method** |  |
| **Type** |  | | | **Priority** | 1 - High | **Status** | Ready for Review |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.0c | End of Requirement | | | | |

#### Technology Function 2021655169.jpg ALCMDetermineSelectedPrestoreThemeType

##### Function Interfaces

###### Inputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Inputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Subscriber Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | -35047518.jpg IVICallvecleFuctionRq | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Inputs | | | |

Table 1‑1: Input Signal mappings of Function

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | -35047518.jpg ALCM\_CallVehicleFunction\_FB | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function ALCMDetermineSelectedPrestoreThemeType

##### Function Requirements

###### Component Specific Requirements

1472259444.jpg R\_CMP\_AMBL\_00008 - Animation For CX771 Pre Store Theme

Satisfied by:

* 2021655169.jpg ALCMDetermineSelectedPrestoreThemeType

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Requirement ID: R\_CMP\_AMBL\_00008 | | | | | | | |
| **Rationale** |  | | | | | | |
| **Acceptance Criteria** |  | | | | | | |
| **Notes** | Pre store Theme1 Miami    Pre store Theme2 Yellow Stone    Pre sotre theme 3 Route | | | | | | |
| **Source** |  | | | | | **Owner** |  |
| **Source Req.** |  | | | | | **V&V Method** |  |
| **Type** |  | | | **Priority** | 1 - High | **Status** | Ready for Review |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.0c | End of Requirement | | | | |

#### Technology Function 2021655169.jpg ALCM\_Configuration

##### Function Interfaces

###### Inputs

(No inputs have been defined)

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. |  | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function ALCM\_Configuration

##### Function Requirements

###### Component Specific Requirements

No “Approved” or “Ready for Review” requirements identified for this function.

### ADAS

ADAS

#### Technology Function 2021655169.jpg ADAS\_Generator

Generate information of the CEA

##### Function Interfaces

###### Inputs

(No inputs have been defined)

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg ClrExitAsstActv\_B\_Rq | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg ClrExitAsstMsgTxt2\_D\_Rq | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function ADAS\_Generator

##### Function Requirements

###### Component Specific Requirements

No “Approved” or “Ready for Review” requirements identified for this function.

### BCM

BCM

#### Technology Function 2021655169.jpg BCM\_Generator

##### Function Interfaces

###### Inputs

(No inputs have been defined)

###### Outputs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outputs: | | | | | | |
| **Logical Signal Name** | **Technical Signal Name** | | | **Mapping Details** *(Conditional)* | **Publisher Interface** | **Connection**  (*Optional)* |
| No logical signals Realized by this Technology signal. | 339130538.jpg DrStatDrv\_B\_Actl | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg DrStatPsngr\_B\_Actl | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg DrStatRl\_B\_Actl | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg DrStatRr\_B\_Actl | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Ignition\_Status | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg LghtAmblntns\_D\_sns | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Pers\_No\_D\_Atcl | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg RecallEvent\_No\_Cnt | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Shed\_Level\_Req | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg TurnLghtLeft\_On\_B\_Stat | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg TurnLghtRight\_On\_B\_Stat | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Veh\_V\_ActlEng | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg VehWlcmFrwl\_D\_Stat | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg VehWlcmFrwlMde\_D\_Stat | | |  | Not supported by Magicdraw generation. |  |
| No logical signals Realized by this Technology signal. | 339130538.jpg Delay\_ACC | | |  | Not supported by Magicdraw generation. |  |
| [Req. Template](http://wiki.ford.com/display/RequirementsEngineering/Requirements+Attributes) Version | | 6.1 | End of Outputs | | | |

**Table 1‑2: Output Signal mappings of Function**

###### Parameters

(No parameters have been defined)

###### Interface Requirements

No Interface Requirements identified for Function BCM\_Generator

##### Function Requirements

###### Component Specific Requirements

No “Approved” or “Ready for Review” requirements identified for this function.

## Requirements on Connections

### Networks

#### “CAN Bus xxx”

*Not supported by MagicDraw report generation.*

##### Protocol Requirements

*Not supported by MagicDraw report generation.*

##### Electrical Requirements

*Not supported by MagicDraw report generation.*

#### “LIN Bus xxx”

*Not supported by MagicDraw report generation.*

##### Protocol Requirements

*Not supported by MagicDraw report generation.*

###### Schedule Table

*Not supported by MagicDraw report generation.*

##### Electrical Requirements

*Not supported by MagicDraw report generation.*

#### “Ethernet xxx”

*Not supported by MagicDraw report generation.*

### HW I/Os

#### “HW I/O xxx”

*Not supported by MagicDraw report generation.*

## Requirements on Development Process

No Requirements with “In-Progress” Status identified.

# Open Concerns

*Not supported by MagicDraw report generation.*

| ID | Concern Description | e-Tracker Reference | Status | Solution |
| --- | --- | --- | --- | --- |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |

Table 6‑1: Open Concerns

# Revision History

| Rev.  (revision) | Date | Description | Approved by | Responsible |
| --- | --- | --- | --- | --- |

## Template Revisions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Version | Rev. | Date | Description | Responsible |
| 0 | 2 | 2015-08-05 | * TOC corrected * Document Properties adapted to match needs of VBA macros | Awegman1 |
| 1 | 0 | 2015-11-16 | * Revision History moved to chapter 7 * Table-Styles removed | Awegman1 |
| 1 | 1 | 2016-03-02 | * Rework according to PCL example | Jbaden1 |
| 1 | 2 | 2016-03-22 | * V1.3: Footer formating corrected (Issue 19) * “Constraints” chapter renamed to “Input Requirements” (Issue 20) | Jbaden1 |
| 1 | 3 | 2016-04-20 | * Broken Wiki links repaired | Jbaden1 |
| 2 | 0 | 2016-05-23 | * Prepared for Specification\_Macros.dotm v2.0 * Additional explanations added to ch. 2.2 “Input Requirements” (ARL and SDS requirements often go here) | Jbaden1 |
| 2 | 1 | 2016-07-08 | * Template version added to footer | Jbaden1 |
| 2 | 2 | 2016-07-15 | * Sample SysML diagrams added * Data Dictionary reworked * Alignment with relevant sections in SRD templated | Jbaden1 |
| 3 | 0 | 2016-09-05 | * Lessons learned from IPRB incorporated | Jbaden1 |
| 4 | 0 | 2016-09-27 | * Alignment with QPIP Feature Function Ownership workstream. Platform Spec renamed to Feature Implementation Spec | Jbaden1 |
| 4 | 1 | 2016-11-04 | * Chapters “Purpose” and “Scope” reworked. | Jbaden1 |
| 4 | 1 | 2016-11-10 | * Subsection for “Logical Service Interfaces” added. | Jbaden1 |
| 5 | 0 | 2017-01-13 | * Meta data updated for specification macros, version 3.1 * SW Unit chapter removed for the time being * Green boxes added for user hints | Jbaden1 |
| 5 | 1 | 2017-01-18 | * Minor editorial changes (e.g. hyperlinks highlighted in comments) | Jbaden1 |
| 5 | 1b | 2017-01-20 | * Some editorial corrections * Substructure of old Network Communication (now Connections) moved to Requirements on Connections | Jbaden1 |
| 6 | 0 | 2018-07-24 | * CR53: * Add new cover sheet * Add disclaimer section * Add the following meta-data to the doc properties for the the new cover sheet   + DocGis1ItemNumber   + DocGis2Classification   + DocType   + DocStatus   + DocIssueDate   + DocReleaseDate * CR63: Update FuSa sharepoint references in templates | Jbaden1 |
| 6 | 0 | 2018-08-06 | * CR81: Incorporate lessons learned from System Service Spec pilot (Vehicle Speed) into AFS and FIS | Jbaden1 |
| 6 | 0 | 2018-09-28 | * Broken links to RE Wiki repaired | Jbaden1 |
| 6 | 0 | 2018-10-31 | * Minor corrections on cover sheet and in footer to be more GIS compliant and VSEM aligned * “Overview” and “Description” exchanged in headings (following common sense) | Jbaden1 |
| 6 | 0 | 2018-11-30 | * Update of Functional Safety sections after review by Functional Safety Team * Initial support for variant handling | Jbaden1 |
| 6 | 0 | 2018-12-01 | * Variant condition fields added consistently * Links updated | Jbaden1 |
| 6 | 0 | 2018-12-11 | * Variant condition fields removed from mapping/allocation tables * Mapping tables simplified * Explanatory text for “Variants” sections revised | Jbaden1 |
| 6 | 0a | 2019-01-04 | * Chapter heading “Inherited Function Requirements” removed. Corresponding table renamed to “Requirements not cascaded”. * E/E Connection table got another column for allocated messages * Naming conventions for Implemented Functions corrected (FncName\_CmpName instead of FncName\_on\_CmpName) * Editorial corrections on the cover sheet * Explanatory text added to “Ethernet” section in chapter “Requirements on Connections” * AIS templates updated. Linked to Wiki page | Jbaden1 |
| 6 | 0a | 2019-01-04 | * Minor restructuring in FuSa chapter – after aligning with ECU Functional Spec * Bugfix: table 13 renamed from FTTI table to FHT table, includes a bug fix: each FSR is allocated to only one ECU/component | Jbaden1 |
| 6 | 0b | 2019-02-04 | * Change: Chapter “Interface Requirements” added to “Implemented Function xxx” section (to have a single chapter for to collect subscriber/publisher interface and mapping requirements which to not conform to the corresponding Data Dictionary objects) * Change: “CAN Interface” subsection renamed to “AIS Interfaces” again. Although several Subscriber/Publisher interface attributes are probably CAN bus specific, other attributes seem to be well suited for other networks than CAN. * Change: Chapter “ECU Specific Requirements” renamed to “Component Specific Requirements” in chapter “Implemented Function xxx”. Table “Requirements not cascaded” renamed to “Component Specific Requirements” and refined to describe changes from Logical Function requirements set more formally. This is also to help during VSEM import to identify those requirements of the Logical Function which cannot be simply carried over to the ECU. * Change: Explanatory text in section “Implemented Function xxx” improved. | Jbaden1 |
| 6 | 0c | 2019-02-05 | * Change: Layout of AIS Interfaces in Data Dictionary reworked to enable Excel Import | Jbaden1 |
| 6 | 0c | 2019-02-20 | * Bugfix: In AIS Interfaces none-picklist fields formatted as invisible | Jbaden1 |
| 6 | 1a | 2019-02-05 | Functional Safety related changes:   * Table “Architectural Redundancy Summary” updated * Section “Functional Flows for FTTI ‘xyz’” added to chapter “Component Interaction Diagrams” * Fault Tolerant Time Summary section added to Functional Safety chapter * Chapter “HW Metrics” added | Jbaden1 |
| 6 | 1a | 2019-04-02 | Headings of “Architectural Redundancy Summary” table clarified | Jbaden1 |
| 6 | 1a | 2019-04-10 | * ASIL Decomposition table moved from Function Spec into the Feature Implementation Spec (ASIL Decomposition of Technical Safety Requirements) * 2 alternative versions of the Function Allocation Table (Standard variant vs. Functional Safety variant) placed next to each other. | Jbaden1 |
| 6 | 1a | 2019-05-31 | * Function Allocation Table split into a base (non FuSa) part and a FuSa part to allow a more flexible mapping of MBSE functions (Logical and Technology) to RE functions (Atomic Logical and Implemented). | Jbaden1 |
| 6 | 1a | 2019-05-31 | * “Input Requirement” section reworked (symmetrically to all other templates). * Sections “Functional Flows for FTTI xyz” and “Fault Tolerant Time Summary” removed, because guidance is not available yet. * “Reference” and “Glossary” section moved back to introduction, i.e., to the very beginning of the document (such that also section 2 can already rely on it). * Some mostly editorial changes per request from FuSa team. | Jbaden1 |
| 6 | 1a | 2019-07-02 | * "Important" box added on cover sheet which points to the macros * “Input Requirements” section renamed to Input Information (after discussion with FuSa team) | Jbaden1 |
| 6 | 1a | 2019-07-17 | * Chapter “Message List” removed from CAN and LIN specific chapters of section “Requirements on Connections” | Jbaden1 |
| 6 | 1a | 2019-10-08 | * Chapter “ASIL Decomposition of Technical Safety Requirements”: Input TSRs are specified in the chapter right above the decomposition table. | Jbaden1 |
| 6 | 1a | 2019-10-09 | * Chapter “Service Oriented Communication” moved to section “Messages” in the Data Dictionary. Details from Central SW Wiki about FNV2 SOA added | Jbaden1 |
| 6 | 1a | 2019-10-25 | * Minor updates for HW IOs/Signals * Subsection “Functional Safety” removed from chapter “Feature Implementation Modeling”. Per requrest from FuSa team since no guidance is available how to model e.g. FHT timing diagram. | Jbaden1 |
| 6 | 1a | 2019-05-11 | * Copyright notice shortened and moved to cover sheet and added to footer (to be compliant [with Ford copyright guidelines](http://www.fgti.ford.com/client/NewFGTI/CopyrightNotice.html)) * Term “Disclaimer” no longer used for what is actually only a copyright notice | Jbaden1 |
| 6 | 1a | 2019-22-11 | * Some minor modifications for the SOA APIs/MQTT Messages in the section “Messages” of the Data Dictionary (section references Service Contracts via the API name) * Some minor updates of the Input/Output mapping tables in section “Requirements on Components” for mappings to SOA APIs and EDAS signals. | Jbaden1 |
| 6 | 1a | 2019-12-05 | * Upstream Documents section added to “Input Requirements/Documents” table * Custom style table formatting removed | Jbaden1 |
| 6 | 1a | 2020-01-07 | * Some fine tuning for naming conventions of E/E components and connections. * List of HW I/O signal types reduced to RF-A, RF-D, D, A, Networked and PWM. * Protocol column added to the E/E connection table | Jbaden1 |
| 6 | 1a | 2020-01-07 | * “HW Metric” and “Architecture Redundancy Summary” sections removed per request from the Functional Architecture Team (based on Governance Board decision [FSTGB-97](mailto:TrackLite%20%23%20FSTGB-97:%20https://www.tracklite.ford.com/prweb/PRAuth/TrackLiteSSO?pyActivity=@baseclass.RedirectAndRunWraper&ThreadName=WorkLinkThread&bPurgeTargetThread=true&AccessGroupName=FSTGB:ProjectAdministrators&Location=pyActivity%3DWork-.Open%26Action%3DReview%26HarnessPurpose%3DReview%26InsHandle%3DFORD-FSTGB-WORK+FSTGB-97)) * “Functional Safety” chapter moved to “Feature Implementation Requirements” section. “Function Allocation” chapter seemed no longer appropriate. | Jbaden1 |
| 6 | 1a | 2020-01-07 | * Ordering of fields in AIS interfaces tables modified to conform with the Macro Template and the Importer Sheet * Page Header: no longer in bold letters | Jbaden1 |
| 6 | 1a | 2020-03-09 | * Missing doc property “LatestSigMappingID” and “LatestAisInterfaceID” added * doc property “CopyrightDate” re-formatted to text and copyright date field in footer corrected * Version numbering re-initialized as 0.1 * Init value of version/revision date set to “yyyy/mm/dd” instead of “yyyy-mm-dd” to be in line with the “Edit Document Property” dialog * Type of “Latest….ID” doc properties changed from Text to Number | Jbaden1 |
| 6 | 1a | 2020-03-11 | * “Mapping” table removed from template. Has been migrated to macro. | Jbaden1 |
| 6 | 1a | 2020-03-13 | * Separate chapter “Technical Safety Requirements” removed. Content already covered by Allocation Table in chapter Function Allocation. * “Implemented Function” replaced by term “Technology Function” | Jbaden1 |

# Appendix

## Data Dictionary

### Logical Signals

### Logical Parameters

### Technical Signals

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -- |
| Value Range | [ - ] |
| Resolution |  |
| Unit |  |

Table: Signal Details of

-35047518.jpg ActvDrvMde\_D2\_Stat

From ABS to show which drive mode already been selected

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ActvDrvMde\_D2\_Statstatus |

Table: Signal Details of ActvDrvMde\_D2\_Stat

-35047518.jpg ALCM\_AmblIntensity\_FB

Ambl brightness vehicle feedback from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg BrightnessSetting |

Table: Signal Details of ALCM\_AmblIntensity\_FB

339130538.jpg ALCM\_AmblIntensity\_Set

Ambl brightness vehicle Setting from ALCM feedback to ALD

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg BrightnessSetting |

Table: Signal Details of ALCM\_AmblIntensity\_Set

-35047518.jpg ALCM\_AmblIntensity\_Zone1\_FB

Ambl brightness Zone1 feedback from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg BrightnessSetting |

Table: Signal Details of ALCM\_AmblIntensity\_Zone1\_FB

-35047518.jpg ALCM\_AmblIntensity\_Zone2\_FB

Ambl brightness Zone2 feedback from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg BrightnessSetting |

Table: Signal Details of ALCM\_AmblIntensity\_Zone2\_FB

-35047518.jpg ALCM\_AmblIntensity\_Zone3\_FB

Ambl brightness Zone3 feedback from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg BrightnessSetting |

Table: Signal Details of ALCM\_AmblIntensity\_Zone3\_FB

-35047518.jpg ALCM\_AmblIntensity\_Zone4\_FB

Ambl brightness Zone4 feedback from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg BrightnessSetting |

Table: Signal Details of ALCM\_AmblIntensity\_Zone4\_FB

-35047518.jpg ALCM\_AmblIntensity\_Zone5\_FB

Ambl brightness Zone5 feedback from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg BrightnessSetting |

Table: Signal Details of ALCM\_AmblIntensity\_Zone5\_FB

-35047518.jpg ALCM\_AnimationType\_FB

Ambl AnimationType feedback from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg AnimationType |

Table: Signal Details of ALCM\_AnimationType\_FB

-35047518.jpg ALCM\_AnimationType\_Zone1\_FB

Ambl AnimationType Zone1 Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg AnimationType |

Table: Signal Details of ALCM\_AnimationType\_Zone1\_FB

-35047518.jpg ALCM\_AnimationType\_Zone2\_FB

Ambl AnimationType Zone2 Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg AnimationType |

Table: Signal Details of ALCM\_AnimationType\_Zone2\_FB

-35047518.jpg ALCM\_AnimationType\_Zone3\_FB

Ambl AnimationType Zone3 Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg AnimationType |

Table: Signal Details of ALCM\_AnimationType\_Zone3\_FB

-35047518.jpg ALCM\_AnimationType\_Zone4\_FB

Ambl AnimationType Zone4 Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg AnimationType |

Table: Signal Details of ALCM\_AnimationType\_Zone4\_FB

-35047518.jpg ALCM\_AnimationType\_Zone5\_FB

Ambl AnimationType Zone5 Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg AnimationType |

Table: Signal Details of ALCM\_AnimationType\_Zone5\_FB

-35047518.jpg ALCM\_CallVehicleFunction\_FB

From ALCM to APIM feedback vehicle function status

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg CallVehicleFunction |

Table: Signal Details of ALCM\_CallVehicleFunction\_FB

339130538.jpg ALCM\_HD\_Theme1\_Rq

From ALCM sent information of hide Theme to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg HideThemeRequest |

Table: Signal Details of ALCM\_HD\_Theme1\_Rq

-35047518.jpg ALCM\_Zone\_FB

From ALCM feedback the selected zone status to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ZoneSelected |

Table: Signal Details of ALCM\_Zone\_FB

-484784322.jpg AmbientLightingIntensity\_Set\_LIN

Ambl brightness Setting from ALCM to Driver by LIN

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -- |
| Value Range | [ - ] |
| Resolution |  |
| Unit |  |

Table: Signal Details of AmbientLightingIntensity\_Set\_LIN

339130538.jpg Ambl\_AirConditioner\_On/Off\_FB

From ALCM to show status of AirConditioner temperature change function

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg FunctionOn/Off |

Table: Signal Details of Ambl\_AirConditioner\_On/Off\_FB

339130538.jpg Ambl\_CEA\_On/Off\_FB

From ALCM to show status of DoorAjar function

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg FunctionOn/Off |

Table: Signal Details of Ambl\_CEA\_On/Off\_FB

-35047518.jpg Ambl\_Color\_B\_Value\_FB

Ambl corlor blue value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_B\_Value\_FB

339130538.jpg Ambl\_Color\_B\_Value\_Set

Ambl corlor blue value Setting from ALCM to Driver by CAN

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_B\_Value\_Set

-484784322.jpg Ambl\_Color\_B\_Value\_Set\_LIN

Ambl corlor blue value Setting from ALCM to Driver by LIN

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -- |
| Value Range | [ - ] |
| Resolution |  |
| Unit |  |

Table: Signal Details of Ambl\_Color\_B\_Value\_Set\_LIN

-35047518.jpg Ambl\_Color\_B\_Value\_Zone1\_FB

Ambl corlor blue value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_B\_Value\_Zone1\_FB

-35047518.jpg Ambl\_Color\_B\_Value\_Zone2\_FB

Ambl corlor blue value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_B\_Value\_Zone2\_FB

-35047518.jpg Ambl\_Color\_B\_Value\_Zone3\_FB

Ambl corlor blue value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_B\_Value\_Zone3\_FB

-35047518.jpg Ambl\_Color\_B\_Value\_Zone4\_FB

Ambl corlor blue value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_B\_Value\_Zone4\_FB

-35047518.jpg Ambl\_Color\_B\_Value\_Zone5\_FB

Ambl corlor blue value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_B\_Value\_Zone5\_FB

-35047518.jpg Ambl\_Color\_G\_Value\_FB

Ambl corlor green value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_G\_Value\_FB

339130538.jpg Ambl\_Color\_G\_Value\_Set

Ambl corlor green value Setting from ALCM to Driver by CAN

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_G\_Value\_Set

-35047518.jpg Ambl\_Color\_G\_Value\_Zone1\_FB

Ambl corlor green value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_G\_Value\_Zone1\_FB

-35047518.jpg Ambl\_Color\_G\_Value\_Zone2\_FB

Ambl corlor green value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_G\_Value\_Zone2\_FB

-35047518.jpg Ambl\_Color\_G\_Value\_Zone3\_FB

Ambl corlor green value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_G\_Value\_Zone3\_FB

-35047518.jpg Ambl\_Color\_G\_Value\_Zone4\_FB

Ambl corlor green value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_G\_Value\_Zone4\_FB

-35047518.jpg Ambl\_Color\_G\_Value\_Zone5\_FB

Ambl corlor green value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_G\_Value\_Zone5\_FB

-35047518.jpg Ambl\_Color\_R\_Value\_FB

Ambl corlor red value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_R\_Value\_FB

339130538.jpg Ambl\_Color\_R\_Value\_Set

Ambl corlor red value Setting from ALCM to Driver by CAN

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_R\_Value\_Set

-484784322.jpg Ambl\_Color\_R\_Value\_Set\_LIN

Ambl corlor green value Setting from ALCM to Driver by LIN

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -- |
| Value Range | [ - ] |
| Resolution |  |
| Unit |  |

Table: Signal Details of Ambl\_Color\_R\_Value\_Set\_LIN

-35047518.jpg Ambl\_Color\_R\_Value\_Zone1\_FB

Ambl corlor red value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_R\_Value\_Zone1\_FB

-35047518.jpg Ambl\_Color\_R\_Value\_Zone2\_FB

Ambl corlor red value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_R\_Value\_Zone2\_FB

-35047518.jpg Ambl\_Color\_R\_Value\_Zone3\_FB

Ambl corlor red value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_R\_Value\_Zone3\_FB

-35047518.jpg Ambl\_Color\_R\_Value\_Zone4\_FB

Ambl corlor red value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_R\_Value\_Zone4\_FB

-35047518.jpg Ambl\_Color\_R\_Value\_Zone5\_FB

Ambl corlor red value Setting from ALCM feedback to APIM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of Ambl\_Color\_R\_Value\_Zone5\_FB

339130538.jpg Ambl\_DoorAjar\_On/Off\_FB

From ALCM to show status of DoorAjar function

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg FunctionOn/Off |

Table: Signal Details of Ambl\_DoorAjar\_On/Off\_FB

339130538.jpg Ambl\_Incomingcall\_On/Off\_FB

From ALCM to show status of incoming call status

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg FunctionOn/Off |

Table: Signal Details of Ambl\_Incomingcall\_On/Off\_FB

-35047518.jpg Ambl\_Music\_Frq\_Level

From APIM to ALCM show the voice frequency

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg Ambl\_Music\_Frq\_Level |

Table: Signal Details of Ambl\_Music\_Frq\_Level

-35047518.jpg Ambl\_Music\_Range\_Level

From APIM to ALCM to show the voice loudness

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg Ambl\_Music\_Range\_Level |

Table: Signal Details of Ambl\_Music\_Range\_Level

339130538.jpg Ambl\_NavigationTurn\_On/Off\_FB

From ALCM to show status of navigation turn function

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg FunctionOn/Off |

Table: Signal Details of Ambl\_NavigationTurn\_On/Off\_FB

339130538.jpg ClrExitAsstActv\_B\_Rq

From ADAS to Disable or Enable CEA function

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg ClrExitAsstActv\_B\_Rq |

Table: Signal Details of ClrExitAsstActv\_B\_Rq

339130538.jpg ClrExitAsstMsgTxt2\_D\_Rq

From ADAS to show which doors are in CEA status

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg ClrExitAsstMsgTxt2\_D\_Rq |

Table: Signal Details of ClrExitAsstMsgTxt2\_D\_Rq

339130538.jpg Delay\_ACC

|  |  |  |
| --- | --- | --- |
| **ASIL** | | QM |
| **Value** | Encoding Name | 339130538.jpg Delay\_ACC |

Table: Signal Details of Delay\_ACC

339130538.jpg DrStatDrv\_B\_Actl

From BCM to show the door status of driver side

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg Door status |

Table: Signal Details of DrStatDrv\_B\_Actl

339130538.jpg DrStatPsngr\_B\_Actl

From BCM to show door status of copilot

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg Door status |

Table: Signal Details of DrStatPsngr\_B\_Actl

339130538.jpg DrStatRl\_B\_Actl

From BCM to show door status of real left side

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg Door status |

Table: Signal Details of DrStatRl\_B\_Actl

339130538.jpg DrStatRr\_B\_Actl

From BCM to show door status of real right side

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg Door status |

Table: Signal Details of DrStatRr\_B\_Actl

339130538.jpg Drv\_Set\_Temp

From APIM to show the setting temperature of driver side

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg TemperatureSetting |

Table: Signal Details of Drv\_Set\_Temp

339130538.jpg FrwlAnmtnDsply\_D\_Rq

From ALCM to APIM to start animation of APIM at farewell status

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg Disable/Enable |

Table: Signal Details of FrwlAnmtnDsply\_D\_Rq

339130538.jpg Ignition\_Status

From BCM to show the vehicle ignition status

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg Ignition\_Status |

Table: Signal Details of Ignition\_Status

339130538.jpg In\_ComingCall\_Status

From APIM to show the incoming call status

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg InComingCall |

Table: Signal Details of In\_ComingCall\_Status

-35047518.jpg IVI\_Ambl\_AnimationType\_Rq

Form APIM to show the request of vehicle animation type

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg AnimationType |

Table: Signal Details of IVI\_Ambl\_AnimationType\_Rq

-35047518.jpg IVI\_Ambl\_AnimationType\_Zone1\_Rq

Form APIM to show the request of zone1 animation type

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg AnimationType |

Table: Signal Details of IVI\_Ambl\_AnimationType\_Zone1\_Rq

-35047518.jpg IVI\_Ambl\_AnimationType\_Zone2\_Rq

Form APIM to show the request of zone1 animation type

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg AnimationType |

Table: Signal Details of IVI\_Ambl\_AnimationType\_Zone2\_Rq

-35047518.jpg IVI\_Ambl\_AnimationType\_Zone3\_Rq

Form APIM to show the request of zone3 animation type

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg AnimationType |

Table: Signal Details of IVI\_Ambl\_AnimationType\_Zone3\_Rq

-35047518.jpg IVI\_Ambl\_AnimationType\_Zone4\_Rq

Form APIM to show the request of zone4 animation type

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg AnimationType |

Table: Signal Details of IVI\_Ambl\_AnimationType\_Zone4\_Rq

-35047518.jpg IVI\_Ambl\_AnimationType\_Zone5\_Rq

Form APIM to show the request of zone5 animation type

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg AnimationType |

Table: Signal Details of IVI\_Ambl\_AnimationType\_Zone5\_Rq

-35047518.jpg IVI\_Ambl\_BColor\_Rq

From APIM to ALCM setting the blue color value of Vehicle

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_BColor\_Rq

-35047518.jpg IVI\_Ambl\_BColor\_Zone1\_Rq

From APIM to ALCM setting the blue color value of zone1

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_BColor\_Zone1\_Rq

-35047518.jpg IVI\_Ambl\_BColor\_Zone2\_Rq

From APIM to ALCM setting the blue color value of zone2

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_BColor\_Zone2\_Rq

-35047518.jpg IVI\_Ambl\_BColor\_Zone3\_Rq

From APIM to ALCM setting the blue color value of zone3

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_BColor\_Zone3\_Rq

-35047518.jpg IVI\_Ambl\_BColor\_Zone4\_Rq

From APIM to ALCM setting the blue color value of zone4

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_BColor\_Zone4\_Rq

-35047518.jpg IVI\_Ambl\_BColor\_Zone5\_Rq

From APIM to ALCM setting the blue color value of zone5

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_BColor\_Zone5\_Rq

-35047518.jpg IVI\_Ambl\_GColor\_Rq

From APIM to ALCM setting the green color value of vehicle

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_GColor\_Rq

-35047518.jpg IVI\_Ambl\_GColor\_Zone1\_Rq

From APIM to ALCM setting the green color value of Zone1

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_GColor\_Zone1\_Rq

-35047518.jpg IVI\_Ambl\_GColor\_Zone2\_Rq

From APIM to ALCM setting the green color value of Zone2

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_GColor\_Zone2\_Rq

-35047518.jpg IVI\_Ambl\_GColor\_Zone3\_Rq

From APIM to ALCM setting the green color value of Zone3

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_GColor\_Zone3\_Rq

-35047518.jpg IVI\_Ambl\_GColor\_Zone4\_Rq

From APIM to ALCM setting the green color value of Zone4

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_GColor\_Zone4\_Rq

-35047518.jpg IVI\_Ambl\_GColor\_Zone5\_Rq

From APIM to ALCM setting the green color value of Zone5

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_GColor\_Zone5\_Rq

-35047518.jpg IVI\_Ambl\_Main\_Intensity\_Rq

From APIM to ALCM setting the brightness value of vehicle

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg BrightnessSetting |

Table: Signal Details of IVI\_Ambl\_Main\_Intensity\_Rq

-35047518.jpg IVI\_Ambl\_Main\_Intensity\_Zone1\_Rq

From APIM to ALCM setting the brightness value of zone1

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg BrightnessSetting |

Table: Signal Details of IVI\_Ambl\_Main\_Intensity\_Zone1\_Rq

-35047518.jpg IVI\_Ambl\_Main\_Intensity\_Zone2\_Rq

From APIM to ALCM setting the brightness value of zone2

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg BrightnessSetting |

Table: Signal Details of IVI\_Ambl\_Main\_Intensity\_Zone2\_Rq

-35047518.jpg IVI\_Ambl\_Main\_Intensity\_Zone3\_Rq

From APIM to ALCM setting the brightness value of zone3

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg BrightnessSetting |

Table: Signal Details of IVI\_Ambl\_Main\_Intensity\_Zone3\_Rq

-35047518.jpg IVI\_Ambl\_Main\_Intensity\_Zone4\_Rq

From APIM to ALCM setting the brightness value of zone4

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg BrightnessSetting |

Table: Signal Details of IVI\_Ambl\_Main\_Intensity\_Zone4\_Rq

-35047518.jpg IVI\_Ambl\_Main\_Intensity\_Zone5\_Rq

From APIM to ALCM setting the brightness value of zone5

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg BrightnessSetting |

Table: Signal Details of IVI\_Ambl\_Main\_Intensity\_Zone5\_Rq

-35047518.jpg IVI\_Ambl\_RColor\_Rq

From APIM to ALCM setting the Red color value of vehicle

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_RColor\_Rq

-35047518.jpg IVI\_Ambl\_RColor\_Zone1\_Rq

From APIM to ALCM setting the Red color value of zone1

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_RColor\_Zone1\_Rq

-35047518.jpg IVI\_Ambl\_RColor\_Zone2\_Rq

From APIM to ALCM setting the Red color value of zone2

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_RColor\_Zone2\_Rq

-35047518.jpg IVI\_Ambl\_RColor\_Zone3\_Rq

From APIM to ALCM setting the Red color value of zone3

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_RColor\_Zone3\_Rq

-35047518.jpg IVI\_Ambl\_RColor\_Zone4\_Rq

From APIM to ALCM setting the Red color value of zone4

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_RColor\_Zone4\_Rq

-35047518.jpg IVI\_Ambl\_RColor\_Zone5\_Rq

From APIM to ALCM setting the Red color value of zone5

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ColorSetting |

Table: Signal Details of IVI\_Ambl\_RColor\_Zone5\_Rq

-35047518.jpg IVI\_Ambl\_Zone\_Rq

From APIM to ALCM show selected Zone for customer setting

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg ZoneSelected |

Table: Signal Details of IVI\_Ambl\_Zone\_Rq

-35047518.jpg IVI\_Navigation\_Turn\_Rq

From APIM to show the actually navigation turn request

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg Navigation\_Turn\_Rq |

Table: Signal Details of IVI\_Navigation\_Turn\_Rq

339130538.jpg IVI\_User\_OnOff\_Air\_Rq

From IVI to set enable/disable Air temperature change function

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg FunctionOn/Off |

Table: Signal Details of IVI\_User\_OnOff\_Air\_Rq

339130538.jpg IVI\_User\_OnOff\_CEA

From IVI to set enable/disable CEA

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg FunctionOn/Off |

Table: Signal Details of IVI\_User\_OnOff\_CEA

339130538.jpg IVI\_User\_OnOff\_DoorAjar\_Rq

From IVI to set enable/disable DoorAjar function

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg FunctionOn/Off |

Table: Signal Details of IVI\_User\_OnOff\_DoorAjar\_Rq

339130538.jpg IVI\_User\_OnOff\_IncomingCall\_Rq

From IVI to set enable/disable IncomingCall function

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg FunctionOn/Off |

Table: Signal Details of IVI\_User\_OnOff\_IncomingCall\_Rq

339130538.jpg IVI\_User\_OnOff\_NaviTurn\_Rq

From IVI to set enable/disable navigation turn function

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg FunctionOn/Off |

Table: Signal Details of IVI\_User\_OnOff\_NaviTurn\_Rq

-35047518.jpg IVICallvecleFuctionRq

From APIM to ALCM show the Vehicle function request

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -35047518.jpg IVICallvecleFuctionStauts |

Table: Signal Details of IVICallvecleFuctionRq

-365390951.jpg Led\_Response\_LIN

From ALCM to Driver to set Whether the LED show response the brightness and color change

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -- |
| Value Range | [ - ] |
| Resolution |  |
| Unit |  |

Table: Signal Details of Led\_Response\_LIN

339130538.jpg LghtAmbDrvMde\_D\_Rq

From APIM to ALCM to rquest SDM

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg LghtAmbDrvMde\_D\_Rq |

Table: Signal Details of LghtAmbDrvMde\_D\_Rq

339130538.jpg LghtAmbDynmc\_D\_Rq

From APIM to ALCM show start of ambient lighting animation

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg Disable/Enable |

Table: Signal Details of LghtAmbDynmc\_D\_Rq

339130538.jpg LghtAmblntns\_D\_sns

From BCM to show the day night status

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg LghtAmblntns\_D\_sns |

Table: Signal Details of LghtAmblntns\_D\_sns

1174839358.jpg LIN

Local Interconnect Network

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -1518289190.jpg Class |

Table: Signal Details of LIN

436655754.jpg MFD\_DateTime

From APIM to show the currently date information is a message

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -- |
| Value Range | [ - ] |
| Resolution |  |
| Unit |  |

Table: Signal Details of MFD\_DateTime

339130538.jpg Pers\_No\_D\_Atcl

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg Pers\_No\_D\_Atcl |

Table: Signal Details of Pers\_No\_D\_Atcl

339130538.jpg Psngr\_Set\_Temp

From APIM to show the setting temperature of passenger side

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg TemperatureSetting |

Table: Signal Details of Psngr\_Set\_Temp

-365390951.jpg RampTime\_LIN

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | -- |
| Value Range | [ - ] |
| Resolution |  |
| Unit |  |

Table: Signal Details of RampTime\_LIN

339130538.jpg RecallEvent\_No\_Cnt

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg RecallEvent\_No\_Cnt status |

Table: Signal Details of RecallEvent\_No\_Cnt

339130538.jpg Shed\_Level\_Req

From BCM to show the low voltage power status

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg Shed\_Level\_Req |

Table: Signal Details of Shed\_Level\_Req

339130538.jpg TurnLghtLeft\_On\_B\_Stat

From BCM to show the status of turn indicator to left

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg Turn light status |

Table: Signal Details of TurnLghtLeft\_On\_B\_Stat

339130538.jpg TurnLghtRight\_On\_B\_Stat

From BCM to show the status of turn indicator to right

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg Turn light status |

Table: Signal Details of TurnLghtRight\_On\_B\_Stat

339130538.jpg Veh\_V\_ActlEng

From BCM to show the vehicle speed

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg Veh\_V\_ActlEng |

Table: Signal Details of Veh\_V\_ActlEng

339130538.jpg VehWlcmFrwl\_D\_Stat

From BCM to show the Welcome or Farewell function status

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg VehWlcmFrwl\_D\_Statstatus |

Table: Signal Details of VehWlcmFrwl\_D\_Stat

339130538.jpg VehWlcmFrwlMde\_D\_Stat

From BCM to show the status of Welcome/Farewell

|  |  |  |
| --- | --- | --- |
| **ASIL** | |  |
| **Value** | Encoding Name | 339130538.jpg VehWlcmFrwlMde\_D\_Statstatus |

Table: Signal Details of VehWlcmFrwlMde\_D\_Stat

#### GSDB Signals

*Not supported by MagicDraw report generation.*

#### HW I/Os

*Not supported by MagicDraw report generation.*

#### Diagnostic Interfaces

##### DTCs

<Some Description of the DTC.

Refer to VSEM document “[Diagnostic Fault Coverage and DTC Numbers](https://www.vsemweb.ford.com/tc/launchapp?-attach=true&-s=226TCSession&-o=yAUtrNhnx3NrTDAAAAAAAAAAAAA&servername=Production_Server)

[Design Consideration](https://www.vsemweb.ford.com/tc/launchapp?-attach=true&-s=226TCSession&-o=yAUtrNhnx3NrTDAAAAAAAAAAAAA&servername=Production_Server)”, what to fill into the attributes below>

|  |  |
| --- | --- |
| **Test Period Time** |  |
| **Test Run Criteria,** |  |
| **Enable Criteria (EC)** |  |
| **Applicable** |  |
| **FailureTypeBytes** |  |
| **Test Period Time** |  |
| **Test Run Criteria,** |  |

##### DIDs

*Not supported by MagicDraw report generation.*

### Technical Parameters

### Mappings

### Technical Interfaces

*Not supported by MagicDraw report generation.*

#### AIS Interfaces

##### Publisher Interfaces

##### Subscriber Interfaces

#### AUTOSAR Ports

*Not supported by MagicDraw report generation.*

### Messages/APIs

#### CAN Bus “<Bus Name>”

*Not supported by MagicDraw report generation.*

#### LIN Bus “<Bus Name>”

*Not supported by MagicDraw report generation.*

#### AUTOSAR Interfaces

*Not supported by MagicDraw report generation.*

#### SOA Service Contracts

*Not supported by MagicDraw report generation.*

### Encoding Types

#### Logical Encoding Types

#### Technology Encoding Types

-35047518.jpg ActvDrvMde\_D2\_Statstatus

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 31.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Normal | 0x0 |
|  | Sport | 0x1 |
|  | ECO | 0x03 |
|  | Wishper | 0x04 |
|  | Slippery | 0x05 |
|  | Error | 0x31 |
| Units | SED | |

-35047518.jpg BrightnessSetting

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 100.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | 0 | 0x0 |
|  | 1 | 0x01 |
|  | 2 | 0x02 |
|  | 4 | 0x04 |
|  | 5 | 0x05 |
|  | 8 | 0x08 |
|  | 9 | 0x9 |
|  | 10 | 0x0A |
|  | 11 | 0x0B |
|  | 12 | 0x0C |
|  | 13 | 0xD |
|  | 14 | 0xE |
|  | 15 | 0x0F |
|  | 16 | 0x10 |
|  | 17 | 0x11 |
|  | ... | ... |
|  | 98 | 0x62 |
|  | 99 | 0x63 |
|  | 100 | 0x64 |
|  | No request | 0x65 |
| Units | % | |

339130538.jpg BrightnessSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 100.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | % |

-35047518.jpg BrightnessSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 100.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | % |

-35047518.jpg BrightnessSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 100.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | % |

-35047518.jpg BrightnessSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 100.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | % |

-35047518.jpg BrightnessSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 100.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | % |

-35047518.jpg BrightnessSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 100.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | % |

-35047518.jpg AnimationType

|  |  |
| --- | --- |
| Value Range | [0.0 - 7.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg AnimationType

|  |  |
| --- | --- |
| Value Range | [0.0 - 7.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg AnimationType

|  |  |
| --- | --- |
| Value Range | [0.0 - 7.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg AnimationType

|  |  |
| --- | --- |
| Value Range | [0.0 - 7.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg AnimationType

|  |  |
| --- | --- |
| Value Range | [0.0 - 7.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg AnimationType

|  |  |
| --- | --- |
| Value Range | [0.0 - 7.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg CallVehicleFunction

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 15.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | MusicRhythm1 | 0x0 |
|  | MusicRhythm2 | 0x1 |
|  | Custom1 | 0x2 |
|  | Custom2 | 0x3 |
|  | HideTheme | 0x4 |
|  | PrestoreTheme 1 | 0x5 |
|  | PrestoreTheme 2 | 0x6 |
|  | PrestoreTheme 3 | 0x7 |
|  | PrestoreTheme 4 | 0x8 |
|  | PrestoreTheme 5 | 0x9 |
|  | PrestoreTheme 6 | 0xA |
|  | PrestoreTheme 7 | 0xB |
|  | PrestoreTheme 8 | 0xC |
|  | PrestoreTheme 9 | 0xD |
|  | PrestoreTheme 10 | 0xE |
|  | No Request | 0xF |
| Units | SED | |

339130538.jpg HideThemeRequest

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 62.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Inactive | 0x00 |
|  | Theme1 | 0x01 |
|  | Theme2 | 0x02 |
|  | Theme3 | 0x03 |
|  | Theme4 | 0x4 |
|  | ... | ... |
|  | Theme61 | 0x3D |
|  | Theme62 | 0x3E |
| Units | SED | |

-35047518.jpg ZoneSelected

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 31.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Null | 0x0 |
|  | Zone1 | 0x01 |
|  | Zone2 | 0x02 |
|  | Zone1\_2 | 0x03 |
|  | Zone3 | 0x04 |
|  | Zone1\_3 | 0x05 |
|  | Zone2\_3 | 0x06 |
|  | Zone1\_2\_3 | 0x07 |
|  | Zone4 | 0x08 |
|  | Zone1\_4 | 0x09 |
|  | Zone2\_4 | 0x0A |
|  | Zone1\_2\_4 | 0x0B |
|  | Zone3\_4 | 0x0C |
|  | Zone1\_3\_4 | 0x0D |
|  | Zone2\_3\_4 | 0xE |
|  | Zone1\_2\_3\_4 | 0x0F |
|  | Zone5 | 0x10 |
|  | Zone1\_5 | 0x11 |
|  | Zone2\_5 | 0x12 |
|  | Zone1\_2\_5 | 0x13 |
|  | Zone3\_5 | 0x14 |
|  | Zone1\_3\_5 | 0x15 |
|  | Zone2\_3\_5 | 0x16 |
|  | Zone1\_2\_3\_5 | 0x17 |
|  | Zone4\_5 | 0x18 |
|  | Zone1\_4\_5 | 0x19 |
|  | Zone1\_2\_4\_5 | 0x1B |
|  | Zone1\_3\_4\_5 | 0x1D |
|  | Zone2\_3\_4\_5 | 0x1E |
|  | Zone1\_2\_3\_4\_5 | 0x1F |
| Units | SED | |

339130538.jpg FunctionOn/Off

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 2.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | No\_Request | 0x00 |
|  | Enable | 0x1 |
|  | Disable | 0x2 |
| Units | SED | |

339130538.jpg FunctionOn/Off

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 2.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | No\_Request | 0x00 |
|  | Enable | 0x1 |
|  | Disable | 0x2 |
| Units | SED | |

-35047518.jpg ColorSetting

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 255.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | No Request | 0x0 |
|  | Color0 | 0x01 |
|  | Color1 | 0x02 |
|  | Color2 | 0x03 |
|  | Color3 | 0x04 |
|  | Color4 | 0x05 |
|  | Color5 | 0x06 |
|  | Color7 | 0x08 |
|  | Color8 | 0x09 |
|  | Color9 | 0x0A |
|  | Color10 | 0x0B |
|  | Color11 | 0x01 |
|  | Color12 | 0x0C |
|  | Color13 | 0x0D |
|  | Color14 | 0x0E |
|  | Color15 | 0x0F |
|  | ... | ... |
|  | ... | ... |
|  | 253 | 0xFC |
|  | 254 | 0xFE |
|  | 255 | 0xFF |
| Units | SED | |

339130538.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

339130538.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

339130538.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

339130538.jpg FunctionOn/Off

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 2.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | No\_Request | 0x00 |
|  | Enable | 0x1 |
|  | Disable | 0x2 |
| Units | SED | |

339130538.jpg FunctionOn/Off

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 2.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | No\_Request | 0x00 |
|  | Enable | 0x1 |
|  | Disable | 0x2 |
| Units | SED | |

-35047518.jpg Ambl\_Music\_Frq\_Level

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 15.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | 0~63Hz | 0x0 |
|  | 64~127Hz | 0x1 |
|  | 128~255Hz | 0x2 |
|  | 256~511Hz | 0x3 |
|  | 512~1023Hz | 0x4 |
|  | 1024~2047Hz | 0x5 |
|  | 2048~4095Hz | 0x6 |
|  | 4096~8191Hz | 0x7 |
|  | 8192~16383Hz | 0x8 |
|  | Reserved | 0x9 |
|  | Reserved | 0xA |
|  | Reserved | 0xB |
|  | Reserved | 0xC |
|  | Reserved | 0xD |
|  | Reserved | 0xE |
|  | No Request | 0xF |
| Units | SED | |

-35047518.jpg Ambl\_Music\_Range\_Level

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 7.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | 0~15 | 0x0 |
|  | 16~31 | 0x1 |
|  | 32~47 | 0x2 |
|  | 48~63 | 0x3 |
|  | 64~79 | 0x4 |
|  | 80~95 | 0x5 |
|  | 96~111 | 0x6 |
|  | 112~117 | 0x7 |
|  | Reserved | 0x8 |
|  | Reserved | 0x9 |
|  | Reserved | 0xA |
|  | Reserved | 0xB |
|  | Reserved | 0xC |
|  | Reserved | 0xD |
|  | Reserved | 0xE |
|  | No Request | 0xF |
| Units | SED | |

339130538.jpg FunctionOn/Off

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 2.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | No\_Request | 0x00 |
|  | Enable | 0x1 |
|  | Disable | 0x2 |
| Units | SED | |

class

-1518289190.jpg Class

|  |  |
| --- | --- |
| Value Range |  |
| Resolution |  |
| Units |  |

339130538.jpg ClrExitAsstActv\_B\_Rq

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 1.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Inactive | 0x0 |
|  | Active | 0x1 |
| Units | SED | |

339130538.jpg ClrExitAsstMsgTxt2\_D\_Rq

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 15.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | NoMessage | 0x0 |
|  | RearLeft | 0x1 |
|  | FrontLeft | 0x3 |
|  | FrontRight | 0x4 |
|  | RearLeftRearRight | 0x5 |
|  | FrontLeftFrontRight | 0x6 |
|  | RearLeftFrontRight | 0x7 |
|  | FrontLeftRearRight | 0x8 |
|  | NotUsed\_1 | 0x9 |
|  | NotUsed\_2 | 0xA |
|  | NotUsed\_3 | 0xB |
|  | NotUsed\_4 | 0xC |
|  | NotUsed\_5 | 0xD |
|  | NotUsed\_6 | 0xE |
|  | NotUsed\_7 | 0xF |
| Units | SED | |

339130538.jpg Delay\_ACC

|  |  |
| --- | --- |
| Value Range | [0.0 - 1.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

339130538.jpg Door status

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 1.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Closed | 0x0 |
|  | Ajar | 0x1 |
| Units | SED | |

339130538.jpg Door status

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 1.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Closed | 0x0 |
|  | Ajar | 0x1 |
| Units | SED | |

339130538.jpg Door status

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 1.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Closed | 0x0 |
|  | Ajar | 0x1 |
| Units | SED | |

339130538.jpg Door status

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 1.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Closed | 0x0 |
|  | Ajar | 0x1 |
| Units | SED | |

339130538.jpg TemperatureSetting

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 31.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | No\_Request | 0x00 |
|  | LO | 0x01 |
|  | \_15\_5 | 0x02 |
|  | \_16\_0 | 0x03 |
|  | \_16\_5 | 0x04 |
|  | \_17\_5 | 0x06 |
|  | \_19\_0 | 0x09 |
|  | \_19\_5 | 0x0A |
|  | \_20\_0 | 0x0B |
|  | \_20\_5 | 0x0C |
|  | \_21\_0 | 0x0D |
|  | \_21\_5 | 0x0E |
|  | \_22\_0 | 0x0F |
|  | \_22\_5 | 0x10 |
|  | \_23\_0 | 0x11 |
|  | \_23\_5 | 0x12 |
|  | \_24\_5 | 0x14 |
|  | \_25\_0 | 0x15 |
|  | \_25\_5 | 0x16 |
|  | \_26\_0 | 0x17 |
|  | \_26\_5 | 0x18 |
|  | \_27\_0 | 0x19 |
|  | \_27\_5 | 0x1A |
|  | \_28\_0 | 0x1B |
|  | \_28\_5 | 0x1C |
|  | \_29\_0 | 0x1D |
|  | \_29\_5 | 0x1E |
|  | HI | 0x1F |
| Units | ℃ | |

339130538.jpg Disable/Enable

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 1.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Disable | 0x0 |
|  | Enable | 0x1 |
| Units | SED | |

339130538.jpg Ignition\_Status

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 15.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Off | 0x1 |
|  | Accessory | 0x2 |
|  | Run | 0x4 |
|  | Start | 0x8 |
|  | Invalid | 0xF |
|  | Unknown | 0x0 |
|  | Off | 0x1 |
| Units | SED | |

339130538.jpg InComingCall

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 7.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Null | 0x0 |
|  | Incoming | 0x1 |
|  | Connect | 0x2 |
|  | HangUp | 0x3 |
|  | Secorndry incoming | 0x4 |
|  | Not Used1 | 0x5 |
|  | Not Used2 | 0x6 |
|  | Not Used3 | 0x7 |
| Units | SED | |

-35047518.jpg IVICallvecleFuctionStauts

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 15.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | MusicRhythm1 | 0x0 |
|  | MusicRhythm2 | 0x1 |
|  | Custom1 | 0x2 |
|  | Custom2 | 0x3 |
|  | HideTheme | 0x4 |
|  | PrestoreTheme 1 | 0x5 |
|  | PrestoreTheme 2 | 0x6 |
|  | PrestoreTheme 3 | 0x7 |
|  | PrestoreTheme 4 | 0x8 |
|  | PrestoreTheme 5 | 0x9 |
|  | PrestoreTheme 6 | 0xA |
|  | PrestoreTheme 7 | 0xB |
|  | PrestoreTheme 8 | 0xC |
|  | PrestoreTheme 9 | 0xD |
|  | PrestoreTheme 10 | 0xE |
|  | No Request | 0xF |
| Units | SED | |

-35047518.jpg AnimationType

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 7.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Static | 0x0 |
|  | Breathing | 0x1 |
|  | RunningWater | 0x2 |
|  | Discoloration | 0x3 |
|  | Not Used1 | 0x4 |
|  | Not Used2 | 0x0 |
|  | Not Used3 | 0x6 |
|  | No request | 0x7 |
| Units | SED | |

-35047518.jpg AnimationType

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 7.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Static | 0x0 |
|  | Breathing | 0x1 |
|  | RunningWater | 0x2 |
|  | Discoloration | 0x3 |
|  | Not Used1 | 0x4 |
|  | Not Used2 | 0x0 |
|  | Not Used3 | 0x6 |
|  | No request | 0x7 |
| Units | SED | |

-35047518.jpg AnimationType

|  |  |
| --- | --- |
| Value Range | [0.0 - 7.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg AnimationType

|  |  |
| --- | --- |
| Value Range | [0.0 - 7.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg AnimationType

|  |  |
| --- | --- |
| Value Range | [0.0 - 7.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg AnimationType

|  |  |
| --- | --- |
| Value Range | [0.0 - 7.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg BrightnessSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 100.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg BrightnessSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 100.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg BrightnessSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 100.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg BrightnessSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 100.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg BrightnessSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 100.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg BrightnessSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 100.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ColorSetting

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg ZoneSelected

|  |  |
| --- | --- |
| Value Range | [0.0 - 31.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

-35047518.jpg Navigation\_Turn\_Rq

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 2.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | TurnLeft | 0x0 |
|  | TurnRight | 0x1 |
|  | No\_Request | 0x2 |
| Units | SED | |

339130538.jpg FunctionOn/Off

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 2.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | No\_Request | 0x00 |
|  | Enable | 0x1 |
|  | Disable | 0x2 |
| Units | SED | |

339130538.jpg FunctionOn/Off

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 2.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | No\_Request | 0x00 |
|  | Enable | 0x1 |
|  | Disable | 0x2 |
| Units | SED | |

339130538.jpg FunctionOn/Off

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 2.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | No\_Request | 0x00 |
|  | Enable | 0x1 |
|  | Disable | 0x2 |
| Units | SED | |

339130538.jpg FunctionOn/Off

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 2.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | No\_Request | 0x00 |
|  | Enable | 0x1 |
|  | Disable | 0x2 |
| Units | SED | |

339130538.jpg FunctionOn/Off

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 2.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | No\_Request | 0x00 |
|  | Enable | 0x1 |
|  | Disable | 0x2 |
| Units | SED | |

339130538.jpg LghtAmbDrvMde\_D\_Rq

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 3.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Null | 0x0 |
|  | Manual | 0x1 |
|  | Automatic | 0x2 |
|  | NotUsed | 0x3 |
| Units | SED | |

339130538.jpg Disable/Enable

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 1.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Disable | 0x0 |
|  | Enable | 0x1 |
| Units | SED | |

339130538.jpg LghtAmblntns\_D\_sns

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 3.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Null | 0x0 |
| Units | SED | |

339130538.jpg Pers\_No\_D\_Atcl

|  |  |
| --- | --- |
| Value Range | [0.0 - 7.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

339130538.jpg TemperatureSetting

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 31.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | No\_Request | 0x00 |
|  | LO | 0x01 |
|  | \_15\_5 | 0x02 |
|  | \_16\_0 | 0x03 |
|  | \_16\_5 | 0x04 |
|  | \_17\_0 | 0x05 |
|  | \_17\_5 | 0x06 |
|  | \_18\_0 | 0x07 |
|  | \_18\_5 | 0x08 |
|  | \_19\_0 | 0x09 |
|  | \_19\_5 | 0x0A |
|  | \_20\_0 | 0x0B |
|  | \_20\_5 | 0x0C |
|  | \_21\_0 | 0x0D |
|  | \_21\_5 | 0x0E |
|  | \_22\_0 | 0x0F |
|  | \_22\_5 | 0x10 |
|  | \_23\_0 | 0x11 |
|  | \_23\_5 | 0x12 |
|  | \_24\_0 | 0x13 |
|  | \_24\_5 | 0x14 |
|  | \_25\_0 | 0x15 |
|  | \_25\_5 | 0x16 |
|  | \_26\_0 | 0x17 |
|  | \_26\_5 | 0x18 |
|  | \_27\_0 | 0x19 |
|  | \_27\_5 | 0x1A |
|  | \_28\_0 | 0x1B |
|  | \_28\_5 | 0x1C |
|  | \_29\_5 | 0x1E |
|  | HI | 0x1F |
| Units | SED | |

339130538.jpg RecallEvent\_No\_Cnt status

|  |  |
| --- | --- |
| Value Range | [0.0 - 255.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | Undefined |

339130538.jpg Shed\_Level\_Req

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 7.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | No\_SHED | 0x0 |
|  | SHED1 | 0x1 |
|  | SHED2\_TRANS | 0x2 |
|  | SHED2\_CONTIN | 0x3 |
|  | SOON\_ENG\_OFF | 0x4 |
|  | SHED\_ENG\_OFF | 0x5 |
|  | Loads\_On | 0x6 |
|  | SHED3 | 0x7 |
| Units | SED | |

339130538.jpg Turn light status

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 3.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Null | 0x0 |
|  | On | 0x1 |
|  | Off | 0x2 |
|  | Seq | 0x3 |
| Units | SED | |

339130538.jpg Turn light status

|  |  |
| --- | --- |
| Value Range | [0.0 - 3.0] |
| Resolution | 1.0 |
| Interpretation |  |
| Units | SED |

339130538.jpg VehWlcmFrwlMde\_D\_Statstatus

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 7.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Null | 0x0 |
|  | Approach | 0x1 |
|  | IlluminatedEntry | 0x2 |
|  | CourtesyLightingAll | 0x3 |
|  | CourtesyLightingDelayAll | 0x4 |
|  | CourtesyLightingExtended | 0x5 |
|  | CourtesyLightingDelayExt | 0x6 |
|  | IlluminatedExt | 0x7 |
| Units | SED | |

339130538.jpg VehWlcmFrwl\_D\_Statstatus

|  |  |  |
| --- | --- | --- |
| Value Range | [0.0 - 3.0] | |
| Resolution | 1.0 | |
| Interpretation |  | |
|  | Null | 0x0 |
|  | Welcome | 0x1 |
|  | Null | 0x0 |
|  | RunStart | 0x3 |
| Units | SED | |

339130538.jpg Veh\_V\_ActlEng

|  |  |
| --- | --- |
| Value Range | [0.0 - 665.35] |
| Resolution | 0.01 |
| Interpretation |  |
| Units | kph |

### Technology State Machines

Document ends here.