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| **Project:** | | | | | Project Name | | | | | | | | | | | |
| **Customer:** | | | | | Customer Name | | | | | **Review**  **date:** | | | | yyyy-mm-dd | | |
|  | | | | | | | | | | | | | | | | |
| **Object to be reviewed:** | | | | | | | | | | | | | | | | |
| Document name: | | | Project\_Module | | | | | | | | | | | | | |
| Version: | | | 1.0 | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
| **Participants:** | | | | | | | **Name** | | | **Org. unit** | | | | | **Review manager**  **(x)** | |
| Person responsible (author): | | | | | | | Gil-Dong, Hong | | | R&D | | | | | x | |
| SW Integrator: | | | | | | |  | | |  | | | | |  | |
| Reviewer: | | | | | | |  | | |  | | | | |  | |
| Other reviewer(s): | | | | | | |  | | |  | | | | |  | |
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| **Review type:** | | | | | | | | | | | | | **Project status:** | | | |
|  | | | |  | |  | |  |  | |  | | Phase: | | |  |
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| **Last review of the object to be reviewed:** | | | | | | | | | | | | | | | | |
| Performed on: | |  | | | | | | | | | | | | | | |
| Doc. name: | |  | | | | | | | | | | | | | | |
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| **Follow Up:** | | | | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | Date: | | |  | |
|  |  | | | | | | | | | | | Date: | | |  | |

| **Checklist 'Review Meeting'** | **OK?** | | **Action/comments** |
| --- | --- | --- | --- |
| **yes** | **no** |
| Are the templates for the Code Generator configured correctly and documented? |  |  | If this checklist is not applicable, you should leave comment and 'NA'.  If you have comment then you should leave comment at this. |
| Can the source code be compiled without errors? |  |  |  |
| Are the variable types used adjusted to the word width of the µC (64, 32, 16 bit sizes)? |  |  |  |
| Have warnings which have occurred during code generation been checked, checked for plausibility or been removed? |  |  |  |
| Does the configuration of the Code Generator (templates for code generation) includes all required compiler settings and does it avoid known bugs published by supplier of Code Generator? |  |  |  |
| Do the configuration options of the Code Generator include warnings of the use of float variables and are they active? |  |  |  |
| Has a static analysis tool (QA-C) been used to check the metrics over the code generated? |  |  |  |
| Is the complexity of the module reasonable |  |  |  |
| Are number, functionality and size of the (C-) functions reasonable? |  |  |  |
| Are all constants and variables initialised within the model? |  |  |  |
| Are float variables used?  If so, are they used in a reasonable manner? |  |  |  |
|  |  |  |  |

Note: We review the model and parts of the code generator configuration. For the generated code the static analysis is done using automated tools like QAC.

|  | **Complaint / fault** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Page/**  **Line** | **Issue** | **Safety**  **relevant** | | **Action** | | | |
| **yes** | **no** | **Solution** | **Responsible person** | **Completion deadline** | **Done**  **(🗸)** |
| 1 | 15/20 | There is no diagram for explian of module. |  | x | Add diagram for module. | Gil-Dong, Hong | yyyy-mm-dd | **🗸** |
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