



MISRA STANDARD COMPLIANCE DEVIATIONS REPORT

SWEDSPOT AB

2016-09-16



| Location | PC-Lint # | MISRA | Reason |
|-----------------------------|-----------|-----------|---|
| VehSpdGauge.c:136 | 845 | Not MISRA | Value is a calibration parameter |
| CheckMessageManager.c:279 | 9033 | 10.8 | Convert signed to unsigned, used for absolute coordinate calculations |
| CheckMessageManager.c:279 | 571 | Not MISRA | - " - |
| ColorContentsManager.c:1065 | 9033 | 10.8 | Convert signed to unsigned, used for absolute coordinate calculations |
| ColorContentsManager.c:1065 | 571 | Not MISRA | - " - |
| IconManager.c:21 | 9003 | 8.9 | Suppressed as we need to separate generated and static code. |
| ImageManager.c:21 | 9003 | 8.9 | Suppressed as we need to separate generated and static code. |
| LabelManager.c:22 | 9003 | 8.9 | Suppressed as we need to separate generated and static code. |
| MenuController.c:2 | 9003 | 8.9 | Suppressed as we need to separate generated and static code. |
| MenuController.c:3 | 9003 | 8.9 | - " - |
| Menu_cfg.c:3 | 765 | 8.7 | Suppressed as we need to separate generated and static code. |
| TextRenderer.c:360 | 9033 | 10.8 | Convert signed to unsigned, used for absolute coordinate calculations |
| TextRenderer.c:360 | 571 | Not MISRA | - " - |
| DynamicImageWidget.c:245 | 9005 | 11.8 | Reference of an const image to an adress pointer |
| ImageWidget.c:72 | 9005 | 11.8 | Reference of an const image to an adress pointer |
| ImageWidget.c:203 | 9005 | 11.8 | Reference of an const image to an adress pointer |
| CanDrv.c:2 | 528 | Not MISRA | Function is part of the CAN API |
| CAN_Message_Data.c:10 | 9003 | 8.9 | CAN messages are generated and used in a static file |
| CAN_Message_Data.c:11 | 9003 | 8.9 | CAN messages are generated and used in a static file |
| COM.c:308 | 701 | Not MISRA | Function intentionally designed for left shifting |
| COM.c:343 | 701 | Not MISRA | Function intentionally designed for left shifting |
| COM.c:343 | 9032 | 10.7 | Operation is intentionally only done on part of value |
| COM_Stack.c:19 | 522 | 2.2 | Working as intended, no operations in called function |
| COM_Stack.c:21 | 522 | 2.2 | Working as intended, no operations in called function |