Data Path: analog multiplexer and A/D conversion

Project TFS path: $/FW SVI FF Releases/Release1/ FIRMWARE

Project changeset version: 34719

Starting point: Digital SetPoint timeout behavior

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Containing file | | FIRMWARE\services\project\_FFAP\okctlmodes.c | Review Date | Reviewer |
| Function or data | | digsp\_Mopup | 14-04-03 | JL |
|  | | | | |
| TFS wit |  | For release trunk, no foundings  -------------------------------------------------------------------------------------------------------  For development branch, following little founding  Line 455 and line 456 should be merged into one line.  tick\_t tdiff = timer\_GetTicksSince(tstamp);  if(tdiff >= conf.ShedTime)  There is not any else use of the temporary variable tdiff. | | |
| Impact | |  | | |
| Resolution | | Merge two lines into one  if(timer\_GetTicksSince(tstamp) >= conf.ShedTime) | | |
|  | | | | |
| Function or data | | digsp\_Mopup | 14-04-03 | JL |
|  | | | | |
| TFS wit |  | Line 474, external mode should be moved into critical guard. | | |
| Impact | | External mode may be changed before use. | | |
| Resolution | | Move u8 xm = digsp\_GetExternalMode(); into MN\_ENTER\_CRITICAL() guard | | |
|  | | | | |
| Function or data | | digsp\_SetData | 14-04-03 | JL |
|  | | | | |
| TFS wit |  | NO SIGNIFICATE FINDINGS | | |
| Impact | |  | | |
| Resolution | |  | | |
|  | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Containing file | | FIRMWARE\sysio\poscharact.c | Review Date | Reviewer |
| Function or data | | poscharact\_Inverse | 14-04-03 | JL |
|  | | | | |
| TFS wit |  | Line 211 to line 213, the brief description is not right. The inverse one is the same to the direct one. | | |
| Impact | |  | | |
| Resolution | | Update the brief description | | |
|  | | | | |