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| Project Name | **Sirius** | ECO # | SIR-203 |
| Version No. | **Rev. A** |  |  |
| Requesting Engineer | Jialiang Liu | Request Date | 08-08-2014 |
| Approve Manager | Song Pan | Request Date | 14-08-2014 |
| Problem to be fixed | 1. **Bug/Issue description:**   JPEG can’t access by nonsecure mode by AxPROT[1] as 1’b0, i.e. JPEG IP’s AxPROT[1] are tied as 1’b0.   1. **Impact if this ECO is not implemented:** 2. Security concern. It’s dangerous if jpeg can access security contents. 3. It’s not convenient for system usage, since media contents are all stored in security space. | | |
| Affected Parts | 1. **Affected IP(s)**   **JPEG**   1. **Affected Partition(s)**   **SUB2**   1. **Current status of affected Partitions(s)  (Placement, Pre-CTS, Post-CTS, Post-Route, STA, etc)** | | |
| Fix Solution | **Describe briefly how to solve the problem.**   1. **Tie AxPROT[1] as 1’b1 in RTL / DC netlist / after scan netlist;** | | |
| Change Description | 1. **Change method (manual ECO fix on netlist or partial Re-synthesis):**   Manual ECO fix **@SUB2**   1. **Change effort :** 2. **Connection change or Logic fix:** 3. **How many DFFs or combinational cells will be added or affected in this ECO?**   **1**     1. **Does it have interface change on IP top level? If yes, please describe it in detail**     xxxxxx   1. **Change Schematics:** 2. **Others (for analog macros):** | | |
| IP interface change | **xxxxxxxxxxxxxxxx** | | |
| File to be changed | **xxxxxxxxxxxxxxxx** | | |
| Change Impacts | 1. **Impacts on scan chain :**   **xxxxxx**   1. **Impacts on timing critical path:**   **xxxxxx**   1. **Impacts on IP size and/or floorplan:**   xxxxxxx | | |
| Verification status | xxxxxxxxx | | |