



Product Change Notification

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QMS Approval n°9910354

Product Change Notification: 3DCN-0039-1

Date: 5th, August 2020

Title of Change: Update of Standard Flight Code and related IPS for 3DCM734/3DCM739 Space Camera Head.

Type Of Change

- | | |
|---|---|
| <input type="checkbox"/> Manufacturing Site Change | <input type="checkbox"/> Shipping / Packaging Material Change |
| <input type="checkbox"/> Manufacturing Process Change | <input type="checkbox"/> Packing / Label / Marking Change |
| <input checked="" type="checkbox"/> Product Revision | <input type="checkbox"/> Product End Of Life (EOL) |
| <input type="checkbox"/> Material Change | <input type="checkbox"/> Data Sheet Change |

Description of Change

3D PLUS brought software optimization and correction of the following 3D PLUS IPs :

- 3DIPCC0746-1: Standard Flight Code for 3DCM734/3DCM739 Camera Head,
- 3DIPCC0735-1: SDRAM Controller IP for 3DCM734/3DCM739 Camera Head,
- 3DIPCC0737-1: CMOS Sensor Controller 3DCM734/3DCM739 Camera Head.

List of software modifications to be taken into account with this revision:

- 3DIPCC0746-1:
 - o Testability improvements
 - o SpaceWire Interface correction of spilling functionality
- 3DIPCC0737-1 (**impacts 3DIPCC0746**):
 - o New ON/OFF functionality for powering up/down the CMOS sensor
 - o Updated Latch-up protection registers
 - o Corrected an issue with AXI stream flag management
- 3DIPCC0735-1 (**impacts 3DIPCC0746**):
 - o Read/Write accesses performance improvements

Associated User Manual and Software Interface Control documents are available upon request for each IPs.

Reason for Change

Development and testing of 3D PLUS IPs permitted to highlight pertinent upgrades to the 3DIPCC0746-1 Standard Flight Code for 3DCM734/3DMC739 Space Camera Head and related IPs.

Affected Products

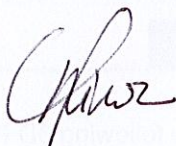
Product Description	EOL Software Version	Alternative Software Version
Standard Flight Code for 3DCM734/3DCM739 Camera Head	V58	V64
CMOS Sensor Controller for 3DCM734/3DCM739 Camera Head	V47	V50
SDRAM Controller for 3DCM734/3DCM739 Camera Head	V31	V34

3D PLUS Sites Affected

3D PLUS Buc High Rel.
 3D PLUS Buc Indus.

Coming into force

Immediate effect

Quality Assurance	Marketing
August 5 th 2020 P. LINZ 	August 5 th 2020 S. BEZINE 