



## Product Change Notice

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QMS Approval n° 9910354

### Product Change Notice #: 022

Date: 20<sup>th</sup> July 2015

Title of Change: Release of DDR2 TR Version 2

### 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 releases the DDR2 Termination Regulator (DDR2 TR) version 2: 3DPM0237-2. DDR2 TR version 1 3DPM0237-1 is no longer available and can be replaced by version 2 on existing designs. The Detail Specification applicable for version 2 is the 3DPA-5930-2

The updates from version 3DPA-5930-1 to 3DPA-5930-2 are the following:

- 1- Electrical measurements limits change

### Reason for Change

- The design has not changed. The new version has been conceived to reach a higher reliability.
- DDR2 TR version 2 3DPM0237-2 is Function – Package - Footprint compatible with version 1 3DPM0237-1 and do not require design modification at user side.
- The DDR2 TR version 2 3DPM0237-2 is fully compliant to the 3D PLUS Capability Domain qualified by European Space Agency (ESA) for Space Application and benefit from all the 3D PLUS Qualification Data.

The detailed qualification report, radiation test (TID, SEE) reports and specification are available on request.

### Contact Information

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### 3D PLUS Sites Affected

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> 3D PLUS Buc High Rel. | <input type="checkbox"/> 3D PLUS Buc Indus. |
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### Coming into force

PCN Coming into force: Immediate effect