

# PCN-20160818 TE0728-03 to TE0728-04 Hardware Revision Change

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|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| <b>Company</b>    | Trenz Electronic GmbH                                        |
| <b>PCN Number</b> | PCN-20160818                                                 |
| <b>Title</b>      | PCN-20160818 TE0728-03 to TE0728-04 Hardware Revision Change |
| <b>Subject</b>    | Trenz Electronic TE0803 Hardware Change                      |
| <b>Issue Date</b> | 20181008                                                     |

## Products Affected

This change affects all Trenz Electronic of TE0728 SoMs of revision: TE0728-03

| Affected Product | Replacement |
|------------------|-------------|
| TE0728-03        | TE0728-04   |

## Changes

### #1 U1 DDR3 changed from NT5CB256M16CP-DIH to NT5CC256M16CP-DIH

**Type:** BOM change

**Reason:** IC disposability.

**Impact:** None (backward compatible to 1.5V DDR3 specifications).

### #2 Net DDR3-ODT0: Added series resistor R55.

**Type:** Fix

**Reason:** Xilinx specification.

**Impact:** None

### #3 Added Traceability pad

**Type:** PCB change

**Reason:** Improve part identification/tracking.

**Impact:** None

## #4 Net PS-POR-B: added not fitted pull-down resistor R56

**Type:** PCB change

**Reason:** Possibility to pull down PS-POR-B during power startup

**Impact:** None

## Method of Identification

The model code and revision number (e.g. TE0728-03 or TE0728-04) are printed on the top side of the PCB.

## Production Shipment Schedule

From autumn 2016.

## Contact Information

If you have any questions related to this PCN, please contact Trenz Electronics Technical Support at

- [forum.trenz-electronic.de](http://forum.trenz-electronic.de)
- [wiki.trenz-electronic.de](http://wiki.trenz-electronic.de)
- [support@trenz-electronic.de](mailto:support@trenz-electronic.de) (subject = PCN-20160818)
- phone
  - national calls: 05223 65301-0
  - international calls: 0049 5223 65301-0

## Disclaimer

Any projected dates in this PCN are based on the most current product information at the time this PCN is being issued, but they may change due to unforeseen circumstances. For the latest schedule and any other information, please contact your local Trenz Electronic sales office, technical support or local distributor.