

# PCN-20160815 TE0714-01 to TE0714-02 hardware revision upgrade

|            |                                                  |
|------------|--------------------------------------------------|
| Company    | Trenz Electronic Gmbh                            |
| PCN Number | PCN-20160815                                     |
| Title      | TE0714-01 to TE0714-02 hardware revision upgrade |
| Subject    | Trenz Electronic TE0714 SoM Upgrade              |
| Issue Date | 20160815                                         |

## Products Affected

This change affects all Trenz Electronic TE0720 SoMs of the first revision: TE0714-01-.\*.

| affected product | suggested upgrade |
|------------------|-------------------|
| TE0714-01-.*     | TE0714-02-.*      |

## Changes

### #1 Added 0 ohm strap option to make VCCIO0 available on B2B connector

**Type:** Enhancement

**Reason:** Make VCCIO0 available

**Impact:** None, when strap option is not assembled, or for baseboards, which do not connect this pin to GND. For old baseboards, connecting this pin to GND, the strap option is not allowed.

### #2 Updated PCB revision strapping

**Type:** PCB change

**Reason:** PCB Revision readout possible from HDL Design

**Impact:** None

### #3 PROG\_B connection change

**Type:** FIX

**Reason:** TPS3805 has push pull output.

**Impact:** None.

### #4 Added Testpoints

**Type:** Layout change

**Reason:** Improve production testing

**Impact:** None

## Method of Identification

The model code and revision number (e.g. TE0714-01 or TE0714-02) are printed on the top side of the PCB.

## Production Shipment Schedule

From September 2016.

## Contact Information

If you have any questions related to this PCN, please contact Trenz Electronic's 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-20160815)
- 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.