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| Company | Trenz Electronic GmbH |
| PCN Number | PCN-20161122 |
| Title | TE0703-04 to TE00703-05 Hardware Revision Change |
| Subject | Trenz Electronic TE0703 Hardware Change |
| Issue Date | 20161122 |

Products Affected

This change affects all Trenz Electronic TE0703 Carriers of revision: TE0703-04*.

| affected product | suggested upgrade |
|------------------|-------------------|
| TE0703-04* | TE0703-05* |

Changes

#1 Added Jumpers for VCCIO Voltage strapping

Type: Layout change

Reason: Allow easier setting of IO Voltages

Impact: Boards are delivered now with default IO voltages of 1.8V. Check Jumper settings and change to your needs.

#2 Changed PWR connector to SMD type

Type: BOM change

Reason: Improve manufacturing

Impact: None

#3 Changed FTDI from FT2232HQ to FT2232H-56Q

Type: BOM change

Reason: Improve production yield

Impact: None

#4 Changed Micro SD card socket from SCHED3A0100 to Molex 104031-0811

Type: BOM change

Reason: Improve production yield

Impact: None

#5 Added series resistors 10K to FLED0, FLED1 and connect to CPLD

Type: SCH change

Reason: Able to use SIO Signals also in CPLD

Impact: None

#6 Added Track-it™ Traceability Pad

Type: BOM change

Reason: Allow automated identification of module

Impact: None

#7 Remove R43

Type: BOM change

Reason: R43 is not needed and caused problems with some SD Cards

Impact: None

#8 Replaced MagJack connector from WE7499111446 to TRJG4820G4NL

Type: BOM change

Reason: Cost saving

Impact: None

Method of Identification

The model code and revision number (e.g. TE0703-04 or TE0703-05) are printed on the top side of the PCB.

Production Shipment Schedule

From November 2016, after REV 04 stock is gone.

Contact Information

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

- forum.trenz-electronic.de
- wiki.trenz-electronic.de
- support@trenz-electronic.de (subject = PCN-20161122)
- 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.