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

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Company	Trenz Electronic GmbH
PCN Number	PCN-20160818
Title	PCN-20160818 TE0728-03 to TE0728-04 Hardware Revision Change
Subject	Trenz Electronic TE0803 Hardware Change
Issue Date	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
- wiki.trenz-electronic.de
- 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.