

PCN-20160114 TE0720-02 to TE0720-03, CPLD upgrade to REV05

Company	Trenz Electronic Gmbh
PCN Number	PCN-20160114
Title	TE0720-02 to TE0720-03, CPLD upgrade to REV05
Subject	Trenz Electronic TE0720 SoM Upgrade
Issue Date	20140730

Products Affected

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

affected product	suggested upgrade
TE0720-02-.*	TE0720-03-.*

Changes

#1 Fixed Xilinx AR# 65240

Type: Enhancement

Reason: Fix for Xilinx Design Advisory

Impact: None

Added supervisor TPS3106K33DBVR (U26) according to Xilinx recommendations.

#2 Replaced SiT8008AI-73-XXS-25.000000E with SiT8008AI-73-18S-25.000000E

Type: BOM change

Reason: Get rid of capacitor divider.

Impact: None

#3 Removed Hirose Ultra Small Coaxial Connector (J1)

Type: BOM change

Reason: No free place available anymore.

Impact: None if it was not used before.

#4 Added Testpoints

Type: Layout change

Reason: Improve production testing

Impact: None

#5 System Controller updates to Revision 05

Type: Enhancement

Reason: Add watchdog functionality

Impact: None

More information about System Controller can be found here: [TE0720 System Controller](#)

Method of Identification

The model code and revision number (e.g. TE0720-02 or TE0720-03) are printed on the top side of the PCB.

Production Shipment Schedule

From January 2015.

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-20140730)
- 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.