PCN-20190430 TE0714-02-* to TE0714-03-* Hardware Revision Change

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Company	Trenz Electronic GmbH
PCN Number	PCN-20190430
Title	TE0714-02-* to TE0714-03-* Hardware Revision Change
Subject	Hardware Revision Change
Issue Date	2019-07-15

Products Affected

This change affects all Trenz Electronic TE0714-02 SoMs: TE0714-02-*

Changes

#1 Replaced LXDC2HL18A-052 (U3) by EP5357HUI

Type: Sch Change

Reason: Old DCDC obsolete

Impact: None

#2 DXP/DXN connected to GND

Type: Sch Change

Reason: Respect Xilinx recommendation UG475, p31

Impact: None

#3 Added serial number to silk

Type: PCB Change

Reason: Designated place for serial number needed

Impact: None

#4 Replaced TPS27082LDDCR (Q1) by TPS27081ADDCR

Type: BOM Change

Reason: Old switch obsolete

Impact: None

#5 Full update LIB

Type: Sch/PCB Change

Reason: Improve production yield

Impact: None

#6 Optimized testpoints placement

Type: PCB change

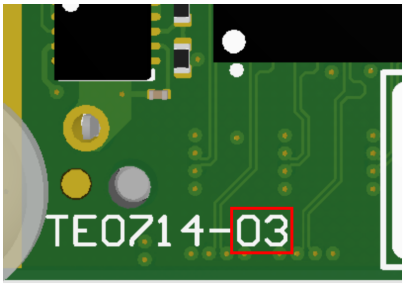
Reason: Prepare for automated testing

Impact: None

Method of Identification

The model code and revision number (e.g. TE0714-02 or TE0714-03) are printed on the top side of the PCB.





Production Shipment Schedule

From Mai 2019, after old stock is gone. If the new revision is not suitable for your application and still the former revision of the board is needed, please contact us.

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-20190430)
- 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.