PCN-20170106 TE0741-02 to TE0741-03 hardware revision upgrade

Company	Trenz Electronic GmbH
PCN Number	PCN-20170106
Title	TE0741-02 to TE0741-03 hardware revision upgrade
Subject	Trenz Electronic TE0741 SoM Upgrade
Issue Date	20170106

Products Affected

This change affects all Trenz Electronic TE0741 SoMs of revision: TE0741-02-*.

affected product	suggested upgrade
TE0741-02-*	TE0741-03-*

Changes

#1 Switched off prebias mode for EN63A0QI by default

Type: Enhancement

Reason: Very seldom startup problems with prebias mode enabled occurred.

Impact: None.

If you need prebias mode enabled, please contact us for custom assembly variant.

#2 Updated footprints

Type: PCB change

Reason: Optimization for higher production yield.

Impact: None

#3 Added thermal vias to mounting holes

Type: Layout change

Reason: Better thermal connection to mounting bolts

Impact: None

#4 Added Track-it™ Traceability Pad

Type: BOM change

Reason: Allow automated identification of module

Impact: None

Method of Identification

The model code and revision number (e.g. TE0741-02 or TE0741-03) are printed on the bottom side of the PCB.

Production Shipment Schedule

From Februrary 2017, as soon as REV02 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-20170106)
- 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.