Products Affected

This change affects all variations of TE0630 SoM of revision: TE0630-01

<table>
<thead>
<tr>
<th>affected product</th>
<th>suggested upgrade</th>
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<tbody>
<tr>
<td>TE0630-01</td>
<td>TE0630-02</td>
</tr>
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</table>

Changes

#1 Replaced U8 by EN6338QI

Type: BOM Change

Reason: Improve fault rate

Impact: None

#2 Changed track length of V3_IO_06 and V3_IO_07

Type: Layout change

Reason: Rerouted nets around U8

Impact: Applications with strict timings/length mached tracks have to consider new SoM track length. Signal V3_IO_06 15.2475 mm (was 15.0047mm), Signal V3_IO_07 16.0151 mm (was 15.0452 mm)

#3 Replaced U5 by EN6338QI

Type: BOM Change

Reason: Improve fault rate

Impact: None

#4 Added OR gate on PS_EN signal

Type: Schematic Change
Reason: Improve fault rate

Impact: None

#5 Replaced Diodes D1, D2, D4, by BAT54A
Type: BOM change
Reason: Former diodes obsolete
Impact: None

#6 Updated Footprint of U10
Type: PCB change
Reason: Improve production yield
Impact: None

#7 Update from LIB
Type: PCB change
Reason: Improve production yield
Impact: None

#8 Rearranged Testpoints
Type: Layout change
Reason: Optimize testing
Impact: Testpoints have new locations

#9 Added Traceability Pad
Type: BOM change
Reason: Allow automated identification of module
Impact: None

#10 Replaced S5 by smaller push button B3U-1100P
Type: BOM change
Reason: Conflict with screws reported
**Impact:** Changed z-dimension has to be considered for housings

#11 Board revision coding updated to REV02

**Type:** Schematic Change

**Reason:** New revision

**Impact:** If hardware coding of board revision is used in design, update is needed.

**Method of Identification**

The model code and revision number (e.g. TE0630-01 or TE0630-02) are printed on the top side of the PCB.

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**Production Shipment Schedule**

Januar 2019.

**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-20190103)
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.