Products Affected

This change affects all Trenz Electronic TE0600 SoMs of the second revision: TE0600-02-*. 

<table>
<thead>
<tr>
<th>affected product</th>
<th>suggested upgrade</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE0600-02-*</td>
<td>TE0600-03-*</td>
</tr>
</tbody>
</table>

Changes

#1 Optimized placement and routing for DC/DC converters

**Type:** Layout change  
**Reason:** Enhance datasheet conformity  
**Impact:** None

#2 Added thermal vias to mounting holes

**Type:** Layout change  
**Reason:** Better thermal connection to mounting bolts  
**Impact:** None

#3 Added Testpoints

**Type:** Layout change  
**Reason:** Improve production testing  
**Impact:** None

#4 Changed Board revision identification to REV03

**Type:** Layout change  
**Reason:** Indicate new PCB revision
Impact: Depends on customer design, review may be needed

#5 Changed U9 from SIT1602AI-83-33E-25.0000 to SiT8008AI-73-XXS-25.000000E

Type: BOM change
Reason: Optimize usage of stock components
Impact: None

#6 Added Track-it™ Traceability Pad

Type: BOM change
Reason: Allow automated identification of module
Impact: None

#7 Change SPI Flash from W25Q128BVEIG to W25Q128FVEIG

Type: BOM change
Reason: W25Q128BV became obsolete
Impact: None

#8 DDR3 changed from IM4G16D3EABG-125I to IM4G16D3FABG-125I for the 4 GBit variants

Type: BOM change
Reason: Optimize usage of stock components
Impact: None, both are fully compatible

#9 U13 (DS2432P+) is no longer populated by default

Type: BOM change
Reason: Not required by most customers
Impact: If not used, none.

If used, please contact Trenz Electronic GmbH for a custom assembly variant.
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 September 2016, after REV 02 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-20160825)
- 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.