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|-------------------|----------------------------------------------------------------|
| <b>Company</b>    | Trenz Electronic GmbH                                          |
| <b>PCN Number</b> | PCN-20210105                                                   |
| <b>Title</b>      | PCN-20210105 TEI0006-02 to TEI0006-03 Hardware Revision Change |
| <b>Subject</b>    | Hardware Revision Change                                       |
| <b>Issue Date</b> | 2021-01-08                                                     |

## 1 Products Affected

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This change affects all Trenz Electronic TEI0006 SoMs of Revision 02: TEI0006-02\*.

| Affected Product | Replacement  |
|------------------|--------------|
| TEI0006-02-*     | TEI0006-03-* |

## 2 Changes

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### 2.1 #1 Reference clock connection of Bank 1C changed

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**Type:** Schematic Change

**Reason:** Request for use of directly connected clock.

**Impact:** Bank 1C reference clock is connected directly to B2B. On standard baseboard this is a clock provided by the FMC. The former used outputs 8 and 9 of clock generator U14 are not used any more.

### 2.2 #2 Transistors T1-T6 changed to PMPB14XNX

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**Type:** BOM change

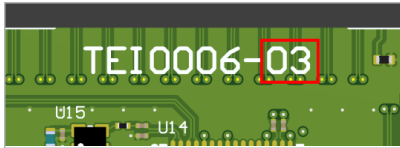
**Reason:** Former used transistor AON2240 not available.

**Impact:** None.

## 3 Method of Identification

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The revision number is printed on the top side of the PCB:



## 4 Production Shipment Schedule

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Revision 03 is available from January 2021.

## 5 Contact Information

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If you have any questions related to this PCN, please contact Trenz Electronics Technical Support at

- [forum.trenz-electronic.de](http://forum.trenz-electronic.de)<sup>1</sup>
- [wiki.trenz-electronic.de](http://wiki.trenz-electronic.de)<sup>2</sup>
- [support@trenz-electronic.de](mailto:support@trenz-electronic.de)<sup>3</sup> (subject = PCN-20210205)
- phone
  - national calls: 05741 3200-0
  - international calls: 0049 5741 3200-0

## 6 Disclaimer

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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.

This PCN follows JEDEC Standard J-STD-046.

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<sup>1</sup> <http://forum.trenz-electronic.de/>

<sup>2</sup> <http://wiki.trenz-electronic.de/>

<sup>3</sup> <mailto:support@trenz-electronic.de?subject=PCN-20210105>