

Company	Trenz Electronic GmbH
PCN Number	PCN-20211125
Title	PCN-20211125 TEC0850-03 Components Change
Subject	Components Change
Issue Date	2021-11-29

1 Products Affected

This change affects all Trenz Electronic TEC0850 boards: TEC0850-03*.

Affected Product
TEC0850-03-BBEX1-A
TEC0850-03-BBEX1-B
TEC0850-03-BBEX1-C

2 Changes

2.1 #1 Replaced LTST-C191KRKT (D1) by 19-213/R6C-AL1M2VY/3T

Type: BOM change

Reason: Part is NRND.

Impact: None.

2.2 #2 Replaced LTST-C191KGKT (D2, D3, D4) by 19-213/G6C-BM1N2/DT

Type: BOM change

Reason: Part is NRND.

Impact: None.

2.3 #3 Replaced BKP0603HS121-T (L1 ... L3, L5, L7, L10 ... L22) by MPZ0603S121HT000

Type: BOM change

Reason: Part is NRND and EOL announced.

Impact: None. DC resistance decreased from 150mOhm to 130mOhm, rated current increased from 0.85A to 1A.

2.4 #4 Replaced BSH103,215 (Q1, Q2, T1) by DMN3730U-7

Type: BOM change

Reason: Part is NRND.

Impact: None.

2.5 #5 Replaced 619 kOhm (R71) by 619 Ohm

Type: BOM change

Reason: Old resistor value is too high.

Impact: LED D3 is usable.

2.6 #6 Serialnumber (S/N) not assembled

Type: BOM change

Reason: Part is end of life.

Impact: Track it pad no more available.

2.7 #7 Replaced SiT8008AI-73-XXS-... (U6, U12) by SiT8008BI-73-XXS-...

Type: BOM change

Reason: Switch to actual revision. Revision A devices may be discontinued.

Impact: None.

3 Method of Identification

Changes above are applied to boards with serial number greater than 691580.

4 Production Shipment Schedule

From March 2022, after old stock is gone. If the new assembly variant is not suitable for your application and still the former one of the board is needed, please contact us.

5 Contact Information

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

- forum.trenz-electronic.de¹
- wiki.trenz-electronic.de²
- support@trenz-electronic.de³ (subject = PCN-20211125)
- phone
 - national calls: 05741 3200-0
 - international calls: 0049 5741 3200-0

6 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.

This PCN follows JEDEC Standard J-STD-046.

¹ <http://forum.trenz-electronic.de/>

² <http://wiki.trenz-electronic.de/>

³ <mailto:support@trenz-electronic.de?subject=PCN-20211125>