

Company	Trenz Electronic GmbH
PCN Number	PCN-20260312
Title	TEB0835-03 Input power protection circuit update
Subject	BOM Change
Issue Date	2026-03-24

Products Affected

This change affects Trenz Electronic TEB0835 boards of revision TEB0835-03 with following serial numbers:

959549
973672
973673
973675
973676
973680 ... 973686
973689
973691
973710
973712
973713
973715
973720

973728

> 992470

Changes

#1 Changed capacitor (C37, C40) from 1 nF to 10 nF.

Type: BOM Change**Reason:** Decrease slew rate for input power rail.**Impact:** Improve power-up behaviour.

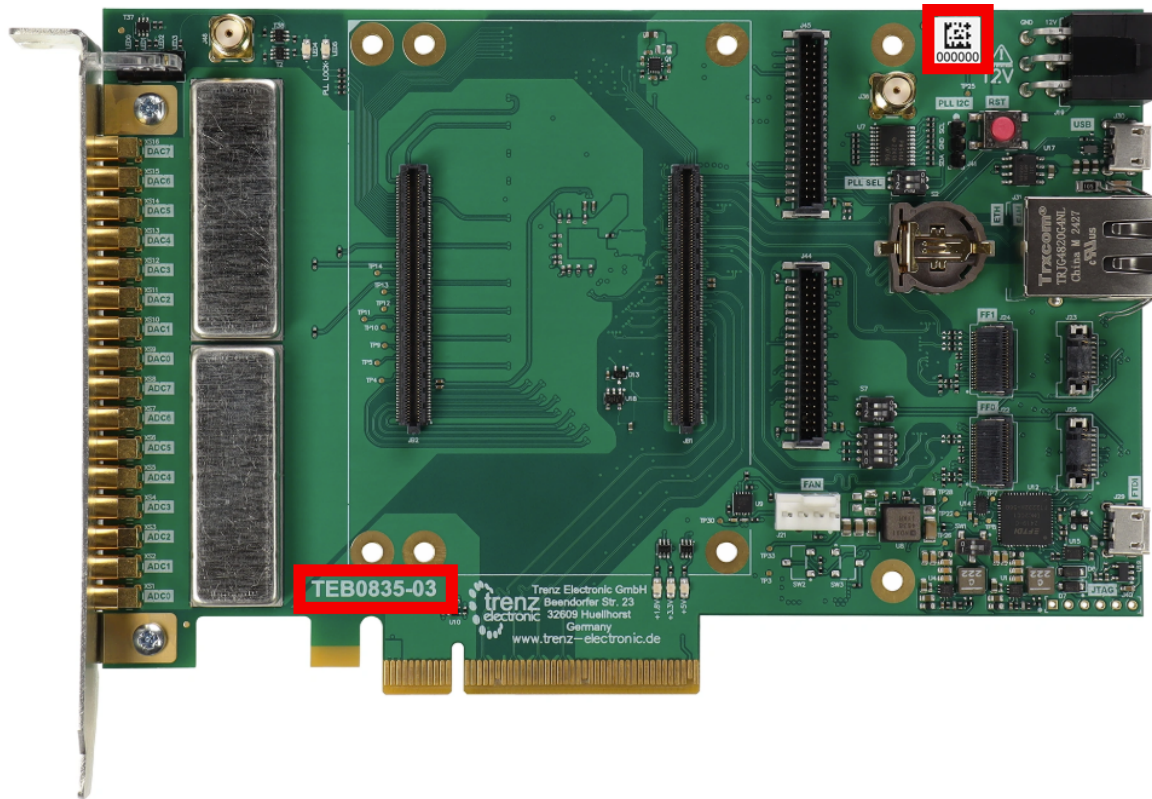
#2 Increased input voltage protection range from 11 V ... 13 V to 9.1 V ... 13.6 V.

- Changed resistor (R138, R146) from 3.16 MOhm to 3.9 MOhm.
- Changed resistor (R140, R149) from 3.16 MOhm to 1.24 MOhm.
- Changed resistor (R141, R151) from 51 kOhm to 100 kOhm.
- Changed resistor (R142, R152) from 249 kOhm to 200 kOhm.

Type: BOM Change**Reason:** Improve power-up behaviour.**Impact:** Improved power-up behaviour.

Method of Identification

Locate serial number on the top side of TEB0835-03.



Production Shipment Schedule

This change takes place with immediate effect. If the new version is not suitable for your application and still the former version of the board is needed, please contact us.

Contact Information

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

- forum.trenz-electronic.de
- wiki.trenz-electronic.de
- support@trenz-electronic.de (subject = PCN-20260312)
- phone
 - national calls: 05741 3200-0
 - international calls: 0049 5741 3200-0

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.

This PCN follows JEDEC Standard J-STD-046.