

Company	Trenz Electronic GmbH
PCN Number	PCN-20260301
Title	TE0716-01 Power Rail Optimization
Subject	BOM Change
Issue Date	2026-03-02

Products Affected

This change affects TE0716 modules of revision TE0716-01 with following serial numbers:

708468
708480
758665
758670
839131
839139
978892 ... 978919
978921
> 978922

Changes

#1 Optimized 3.3 V power rail output voltage.

- Changed inductor (L14) from MAMK2520T1R0M, 1 μ F to 74479325207222, 2,2 μ F.
- Changed top feedback resistor (R75) from 220 kOhm to 22 kOhm.

- Changed bottom feedback resistor (R77) from 48.7 kOhm to 4.87 kOhm.

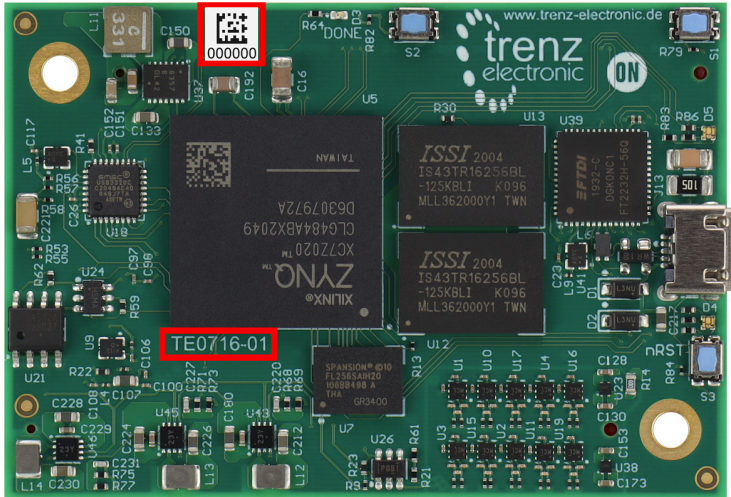
Type: BOM Change

Reason: Improve power rail output voltage.

Impact: Improved output voltage ripple.

Method of Identification

Locate the serial number on the top side of TE0716-01 PCB.



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-20260301)
- 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.