Company	Trenz Electronic GmbH
PCN Number	PCN-20251107
Title	TE0422-02 to TE0422-03 Hardware Revision Change
Subject	Hardware Revision Change
Issue Date	2025-11-11

Products Affected

This change affects all Trenz Electronic TE0422 SoMs: TE0422-02*.

Affected Product	Replacement
TE0422-02	TE0422-03

Changes

#1 Changed standard frequency FR-4 PCB material to high frequency Rogers RO4000 Series.

Type: PCB Change

Reason: Improve signal integrity.

Impact: Improved signal integrity.

#2 Changed SMA connector (TD+, TD-, RD+, RD-) from R125426000 to 60312102114506.

Type: Schematic Change

Reason: Move from THT to SMT style to improve signal integrity.

Impact: Improved signal integrity. Minor changes in electrical characteristics.

#3 Changed EEPROM (U1) 24LC128-I/ST to AT24C02C-XHM-T.

Type: BOM Change

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Reason: Follow SFP standard (SFF-8472, SFF-8079).

Impact: Decreased memory size from 128 kbit to 2 kbit.

#4 Removed Track-it™ Traceability Pad (EOL).

Type: Schematic Change

Reason: EOL of Component.

Impact: None.

#5 Added CE-, RoHS- and WEEE-logo.

Type: PCB Change

Reason: Improve product classification.

Impact: None.

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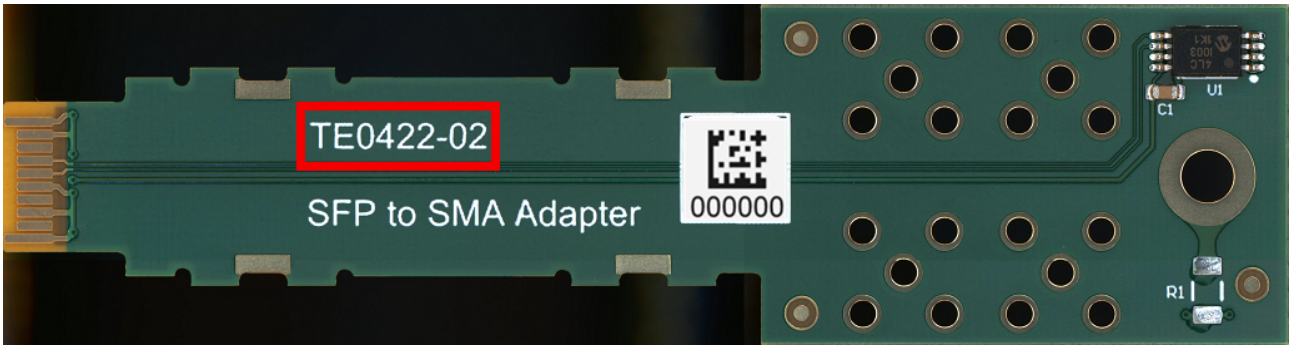
Method of Identification

The revision number is printed on the bottom side of the PCB.



Production Shipment Schedule

This change takes place with immediate effect. If the new revision is not suitable for your application and still the former revision 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-20251107)
- 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.

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