

Company	Trenz Electronic GmbH
PCN Number	PCN-20250131
Title	TE0714-04 SPI Flash Change
Subject	BOM Change
Issue Date	2025-02-13

1 Products Affected

This change affects all Trenz Electronic TE0714 SoMs of revision 04: TE0714-04*.

Affected Product	Change	Replacement
TE0714-04-42I-7-B	#1	TE0714-04-42I-B-B
TE0714-04-42I-7-C	#1	TE0714-04-42I-B-C (on request)
TE0714-04-42I-7-L	#1	TE0714-04-42I-B-L
TE0714-04-52I-7-B	#1	TE0714-04-52I-B-B
TE0714-04-52I-8-A	#2	TE0714-04-52I-9-A

2 Changes

2.1 #1 Changed flash (U7) from S25FL127SABMFV10 to S25FL128LAGMFI013.

Type: BOM change

Reason: EOL of Component.

Impact: None, no changes in Trenz firmware are necessary. JEDEC manufacturer is still the same. Modified device IDs and temperature grade from -40° C - 105 °C to -40 °C - 85 °C.

2.2 #2 Changed flash (U7) from MT25QU128ABA1ESE-0SIT to MX25U12832FM2I02.

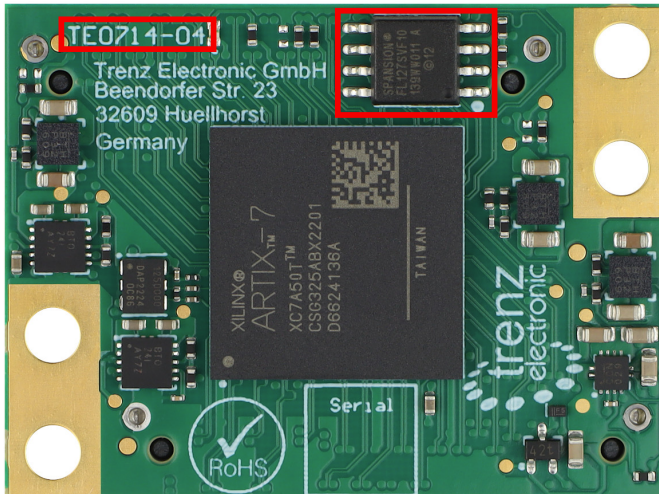
Type: BOM change

Reason: Improved temperature behaviour.

Impact: None, no changes in Trenz firmware are necessary.

3 Method of Identification

Locate Flash (U7) on top of PCB:



Change #1

old	new
S25FL127SABMFV10	S25FL128LAGMFI013
	

Change #2

old	new
MT25QU128ABA1ESE-0SIT	MX25U12832FM2I02
	

4 Production Shipment Schedule

From September 2025, after old stock is gone. If the new revision is not suitable for your application and still the former revision 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-20250131)
- phone
 - national calls: 05741 3200-0
 - international calls: 0049 5741 3200-0

¹ <http://forum.trenz-electronic.de/>

² <http://wiki.trenz-electronic.de/>

³ <mailto:support@trenz-electronic.de?subject=PCN-20250131>

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.