

Company	Trenz Electronic GmbH
PCN Number	PCN-20210119
Title	TE0713-02 DDR3 and Flash Change
Subject	BOM change
Issue Date	2021-01-19

1 Products Affected

This change affects all Trenz Electronic TE0713 SoMs of revision 02: TE0713-02-*

Affected Product	Replacement
TE0713-02-100-2C	TE0713-02-72C46-A
TE0713-02-200-2C	TE0713-02-82C46-A

2 Changes

2.1 #1 Change DDR3 RAM (U15, U19) from IM4G16D3FABG-125I to IS43TR16256BL-125KBLI

Type: BOM change

Reason: Component is end of life.

Impact: New DDR timings may be considered in designs. DDR3 setup used in reference design is known to work still.

2.2 #2 Replaced Flash (U4) from S25FL256SAGBHI20 to IS25LP512M-RHLE

Type: BOM change

Reason: Ensure long time availability.

Impact: Jedec Manufacturer ID changed from 01h to 9Dh, the device ID from 18h to 19h. 512Mbit flash are now available.

2.3 #3 Set S/N to not fitted

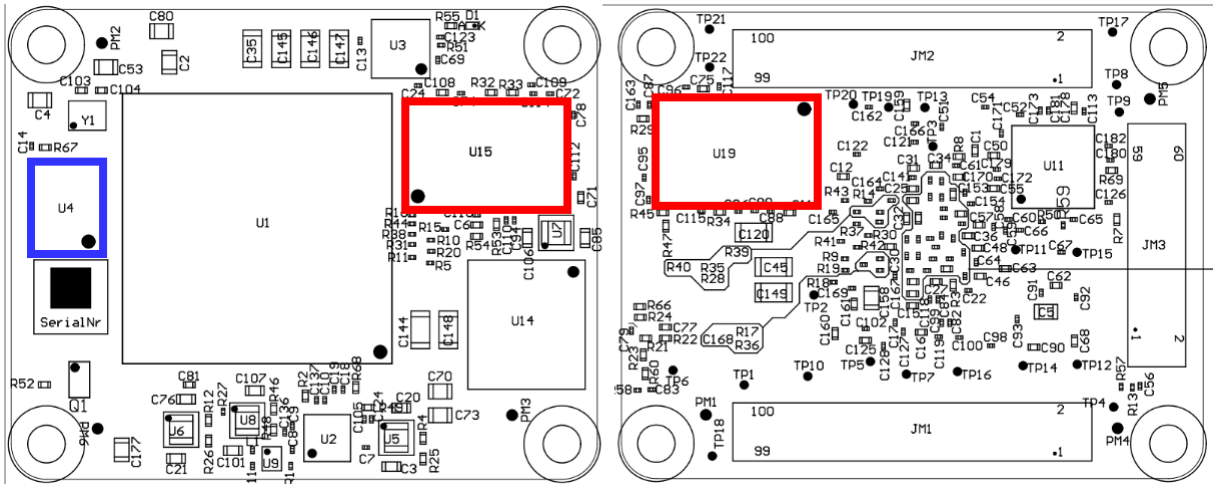
Type: BOM change

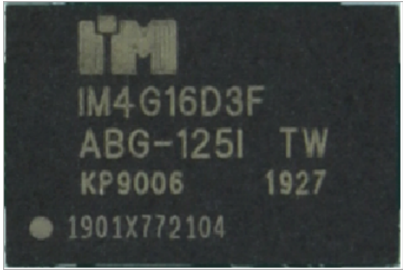

Reason: Part is end of life.



Impact: Track it pad no more available.

3 Method of Identification

Locate DDR3 RAM (U15 top, U19 bottom) and Flash (U4 top) on PCB:



old	new
IM4G16D3FABG-125I	IS43TR16256BL-125KBLI
	

old	new
S25FL256SAGBHI20	IS25LP512M-RHLE
	

4 Production Shipment Schedule

From end of Juli 2021, after old stock is gone.

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-20210119)
- phone
 - national calls: 05223 65301-0
 - international calls: 0049 5223 65301-0

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.

1 <http://forum.trenz-electronic.de/>

2 <http://wiki.trenz-electronic.de/>

3 <mailto:support@trenz-electronic.de?subject=PCN-20210119>