

PCN-20190110a TE0820-03-* SPI Flash and eMMC Change

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Company	Trenz Electronic GmbH
PCN Number	PCN-20190110a
Title	TE0820-03-* SPI Flash and eMMC Change
Subject	BOM change
Issue Date	2019-10-02

Products Affected

This change affects Trenz Electronic TE0820-03 SoMs: TE0820-03-*

Affected Product	Replacement
TE0820-03-02CG-1EA	TE0820-03-2AE21FA
TE0820-03-02EG-1EA	TE0820-03-2BE21FA
TE0820-03-02EG-1EL	TE0820-03-2BE21FL
TE0820-03-03CG-1EA	TE0820-03-3AE21FA
TE0820-03-03EG-1EA	TE0820-03-3BE21FA
TE0820-03-03EG-1EL	TE0820-03-3BE21FL
TE0820-03-04CG-1EA	TE0820-03-4AE21FA
TE0820-03-04EV-1EA	TE0820-03-4DE21FA

Changes

#1 Change SPI Flash from N25Q512A11G1240E to MT25QU512ABB8E12-0SIT

Type: BOM change

Reason: N25Q512A11G1240E became obsolete.

Impact: None. Both have same JEDEC ID BB20h and manufacturer ID 20h.

#2 Change eMMC from MTFC4GACAJCN-4M IT to IS21ES08G-JCLI

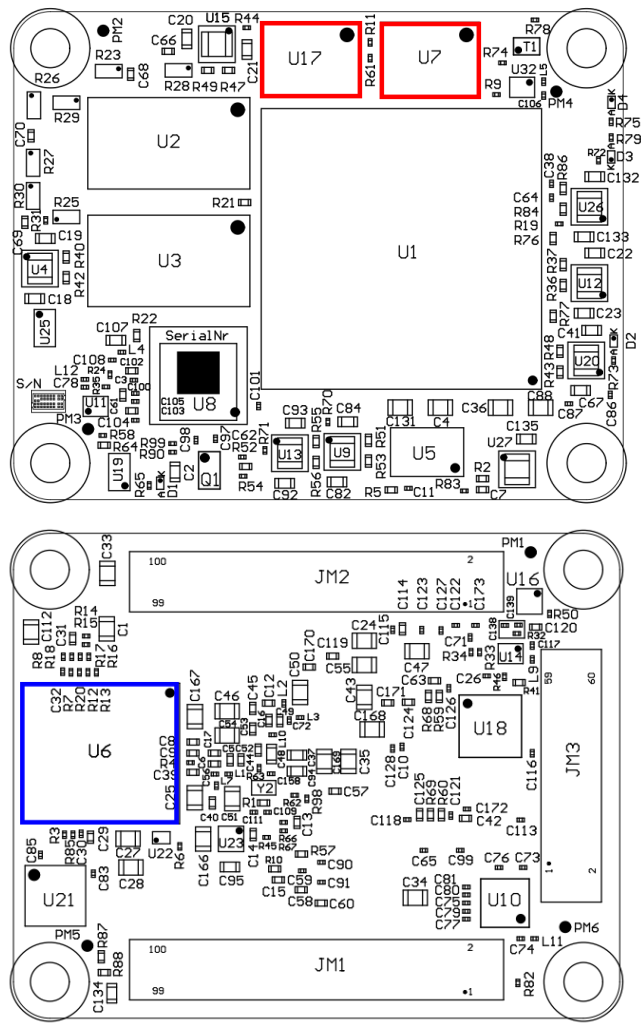
Type: BOM change

Reason: Improve availability.

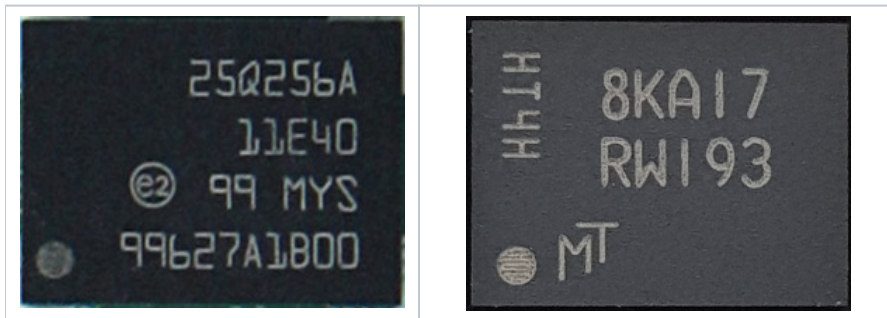
Impact: The eMMC capacity changed from 4 GByte to 8 GByte.

Method of Identification

Locate Flash (U7, U17) on top side of PCB and eMMC (U6) on bottom side of PCB:



old	new
N25Q512A11G1240E	MT25QU512ABB8E12-0SIT



MTFC4GACAJCN-4M IT	IS21ES08G-JCLI

Production Shipment Schedule

From March 2019, after old stock is gone.

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-20190110a)
- phone
 - national calls: 05741 3200-0
 - international calls: +49 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.