PCN-20210129 CR00140-02 Kit SoM Update

Company	Trenz Electronic GmbH
PCN Number	PCN-20210129
Title	CR00140-02 Kit SoM Update
Subject	BOM change
Issue Date	2021-01-29

Products Affected

This change affects Trenz Electronic motor kit CR00140 of revision 02:

Affected Product	Change	Replacement
CR00140-02-K	#1	CR00140-02-K0A
CR00140-02-K1	#2	CR00140-02-K1A

Changes

#1 Change SoM from TE0820-03-2AE21FA to TE0820-04-2AE21FA

Type: BOM change

Reason: Hardware Revision Change of SoM.

Impact: None. SoM changes are described in PCN-20200616 TE0820-03 to TE0820-04 Hardware Revision Change.

Method of Identification

The revision number is printed on the top side of the SoM PCB.



#2 Change SoM from TE0720-03-1CFA to TE0720-03-61C33FA

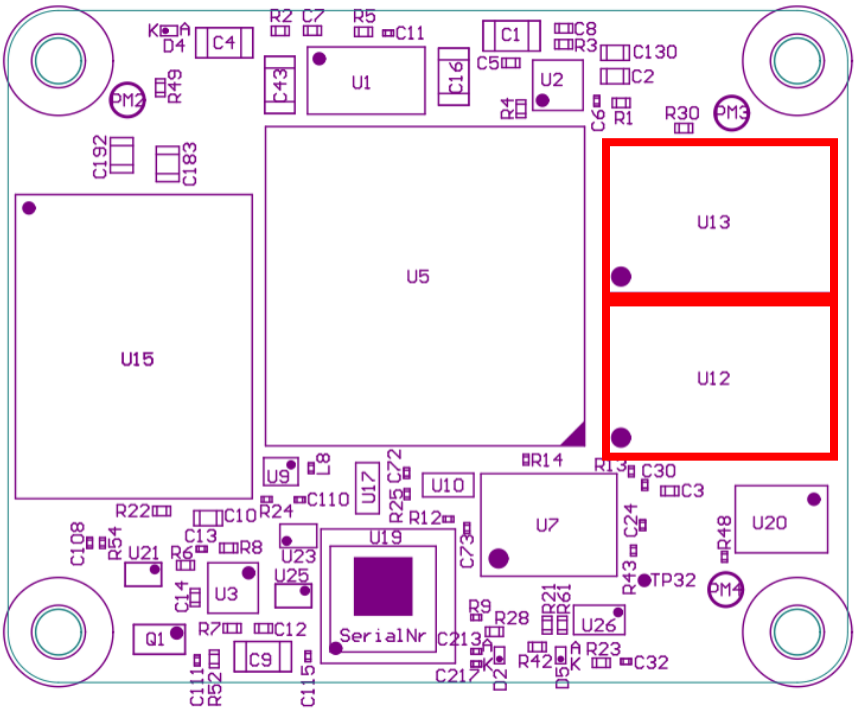
Type: BOM change

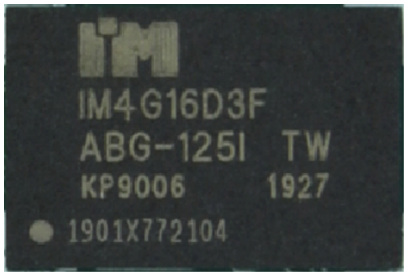
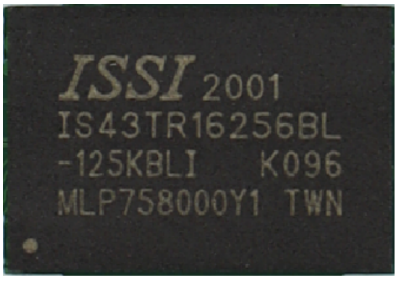
Reason: The SoM is updated due to EOL of components.

Impact: DDR3, Flash and eMMC of SoM are changed. For exact changes and impact see PCN-20210126a TE0720-03 DDR3, Flash, EMMC Change and Product Update (Revised).

Method of Identification

As mentioned in PCN-20210126a TE0720-03 DDR3, Flash, EMMC Change and Product Update (Revised) the most prominent change for identification is the DDR3 RAM of the SoM. Locate DDR3 RAM (U12, U13) at top side of PCB:



old	new
IM4G16D3FABG-125I	**IS43TR16256BL-125KBLI**
	

Production Shipment Schedule

CR00140-02-K0A are produced from February 2021. CR00140-02-K1A assemblies are produced end of Juli 2021.

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-2020129)
- 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.