PCN-20210121 TE0726-03 DDR3 Change and Product Update

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Company	Trenz Electronic GmbH
PCN Number	PCN-20210121
Title	TE0726-03 DDR3 Change and Product Update
Subject	BOM change
Issue Date	2021-01-25

Products Affected

This change affects Trenz Electronic boards TE0726 of Revision 03: TE0726-03-*

Affected Product	Changes	Replacement
TE0726-03-07S-1C	#1, #2, #3, #4, #5	TE0726-03-11C64-A
TE0726-03IM	#1, #2, #3, #4, #5	TE0726-03-41I64-A
TE0726-03M	#1, #2, #3, #4, #5	TE0726-03-41C64-A
TE0726-03RJ	#2, #4, #5	TE0726-03-41C74-Q
TE0726-03R	#2, #4, #5	TE0726-03-41C74-R

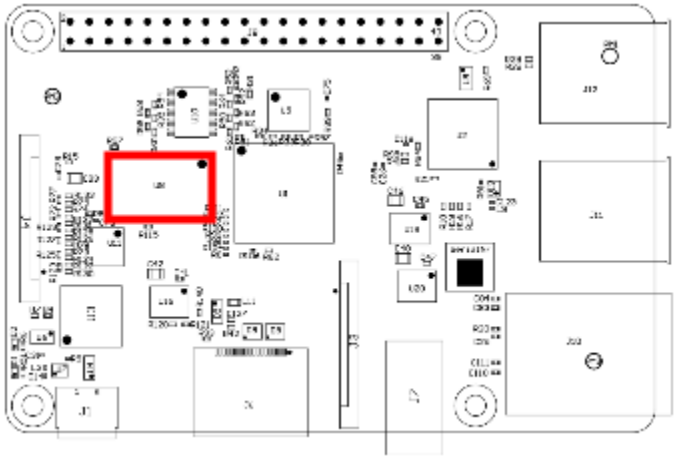
Changes

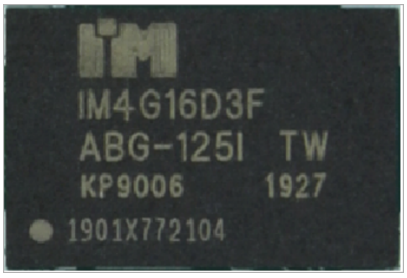
#1 Change DDR3 RAM (U8) from IM4G16D3FABG-125I to IS43TR16256BL-125KBLI

Type: BOM change
Reason: Component is end of life.
Impact: New DDR timings may be considered in designs.

Method of Identification

Locate DDR3 RAM (U8) on top side of PCB:



old	new
IM4G16D3FABG-125I	IS43TR16256BL-125KBLI
	

#2 Clock Revision Change (U7, U14) from SiT8008AI-... to SiT8008BI-...

Type: BOM change
Reason: Switch to actual revision. Revision A devices may be discontinued.
Impact: None.

#3 Clock Revision Change (U13) from SiT8008AI-... to SiT8008BI-...

Type: BOM change
Reason: Switch to actual revision. Revision A devices may be discontinued.
Impact: None.

#4 LEDs D1 and D2 changed to 19-213/G6C-BM1N2/DT and 19-213/R6C-AL1M2VY/3T

Type: BOM change
Reason: Availability and cost optimisation.
Impact: None.

#5 Set S/N to not fitted

Type: BOM change
Reason: Part is end of life.
Impact: Track it pad no more available.

Method of Identification

SoMs with serial number larger than XXXXXX are affected by this PCN. (Will be updated as soon as available.)

Production Shipment Schedule

From end of Juli 2021, 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-20210121)
- 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.