

<b>Company</b>	Trenz Electronic GmbH
<b>PCN Number</b>	PCN-20210114
<b>Title</b>	TE0600-03 DDR3 Change and Product Update
<b>Subject</b>	BOM change
<b>Issue Date</b>	2021-01-25

## 1 Products Affected

This change affects Trenz Electronic TE0600-03 SoMs: TE0600-03-\*

Affected Product	Changes	Replacement
TE0600-03B	#2, #3	TE0600-03-72C11-A
TE0600-03BM	#1, #2, #3	TE0600-03-72C21-A
TE0600-03I	#2, #3	TE0600-03-52I11-A
TE0600-03IC2	#2, #3	TE0600-03-52I11-W
TE0600-03IC4	#2, #3	TE0600-03-52I11-C
TE0600-03IMVF	#1, #2, #3	TE0600-03-83I21-A
TE0600-03IN	#3	TE0600-03-52I11-M
TE0600-03IVF	#2, #3	TE0600-03-83I11-A

## 2 Changes

### 2.1 #1 Change DDR3 RAM from IM4G16D3FABG-125I to IS43TR16256BL-125KBLI

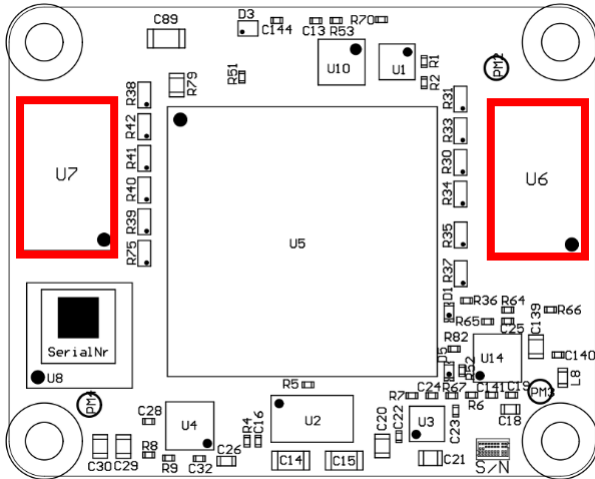
**Type:** BOM change

**Reason:** Component is end of life.

**Impact:** New DDR timings may be considered in designs.

## 2.1.1 Method of Identification

Locate DDR3 RAM (U6, U7) on top side of PCB:



old	new
IM4G16D3FABG-125I	IS43TR16256BL-125KBLI
	

## 2.2 #2 Clock Revision Change from SiT8008AI-73-XXS-25.000000E to SiT8008BI-73-XXS-25.000000E

**Type:** BOM change

**Reason:** Switch to actual revision. Revision A devices may be discontinued.

**Impact:** None.

## 2.3 #3 LEDs D1 and D5 changed to 19-213/G6C-BM1N2/DT

**Type:** BOM change

**Reason:** Availability and cost optimisation.

**Impact:** None.

## 3 Method of Identification

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

## 4 Production Shipment Schedule

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

## 5 Contact Information

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If you have any questions related to this PCN, please contact Trenz Electronics Technical Support at

- [forum.trenz-electronic.de](http://forum.trenz-electronic.de)<sup>1</sup>
- [wiki.trenz-electronic.de](http://wiki.trenz-electronic.de)<sup>2</sup>
- [support@trenz-electronic.de](mailto:support@trenz-electronic.de)<sup>3</sup> (subject = PCN-20210114)
- phone
  - national calls: 05223 65301-0
  - international calls: 0049 5223 65301-0

## 6 Disclaimer

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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.

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

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

<sup>3</sup> <mailto:support@trenz-electronic.de?subject=PCN-20210114>