

# PCN-20210132 TE0723-03 DDR3 Change and Product Update

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<b>Company</b>	Trenz Electronic GmbH
<b>PCN Number</b>	PCN-20210132
<b>Title</b>	TE0723-03 DDR3 Change and Product Update
<b>Subject</b>	BOM change
<b>Issue Date</b>	2021-01-29

## Products Affected

This change affects Trenz Electronic boards TE0723 of Revision 03: TE0723-03-\*

Affected Product	Replacement
TE0723-03-07S-1C	TE0723-03-11C64-A
TE0723-03M	TE0723-03-41C64-A

## Changes

### #1 Change DDR3 RAM (U2) 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 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 LED D2 changed to 19-213/R6C-AL1M2VY/3T

**Type:** BOM change

**Reason:** Availability and cost optimisation.

**Impact:** None.

### #4 LEDs D6 and D7 changed to 19-213/G6C-BM1N2/DT

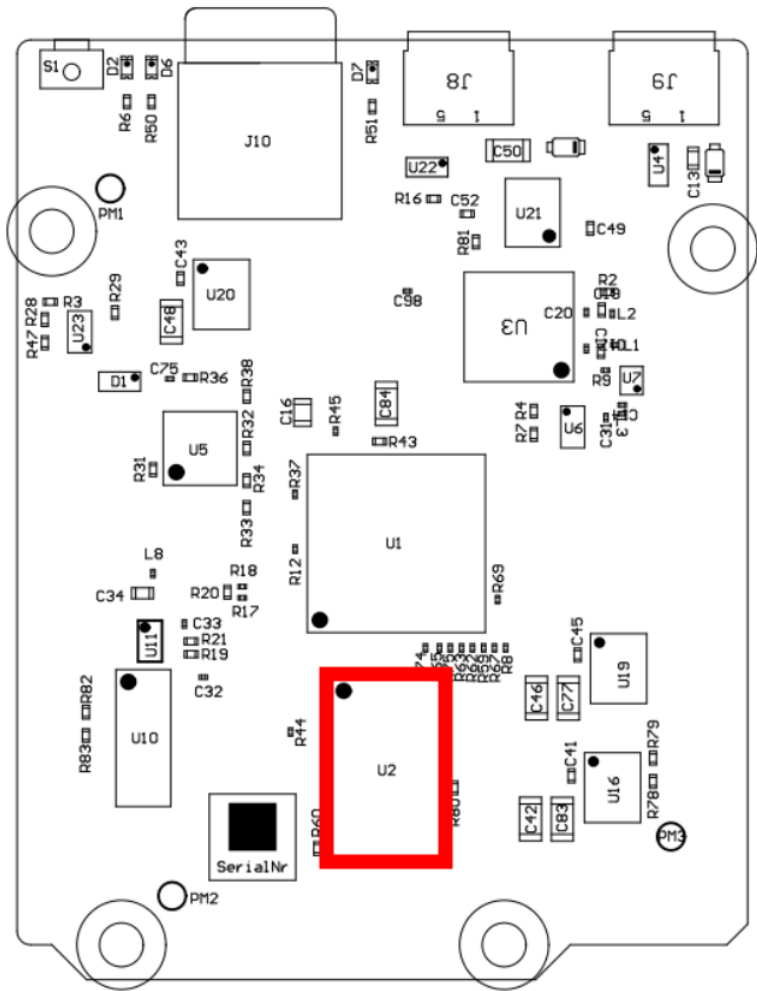
**Type:** BOM change  
**Reason:** Availability and cost optimisation.  
**Impact:** None.

#5 Set S/N to not fitted

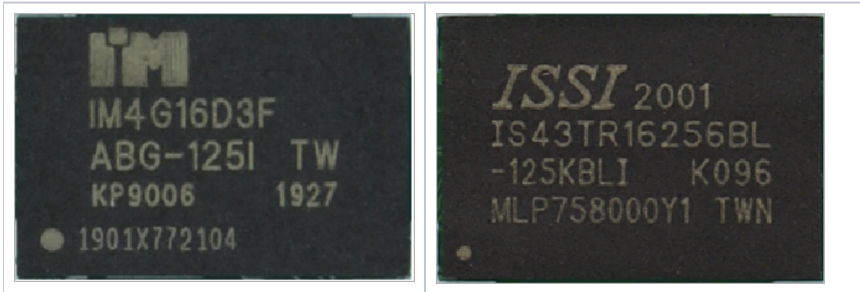
**Type:** BOM change  
**Reason:** Part is end of life.  
**Impact:** Track it pad no more available.

Method of Identification

Locate DDR3 RAM (U2) on top side of PCB:



old	new
IM4G16D3FABG-125I	IS43TR16256BL-125KBLI



## 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](https://forum.trenz-electronic.de)
- [wiki.trenz-electronic.de](https://wiki.trenz-electronic.de)
- [support@trenz-electronic.de](mailto:support@trenz-electronic.de) (subject = PCN-20210132)
- 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.