

<b>Company</b>	Trenz Electronic GmbH
<b>PCN Number</b>	PCN-20210618
<b>Title</b>	TE0823-01 eMMC Change and Product Update
<b>Subject</b>	BOM change
<b>Issue Date</b>	2021-08-04

## 1 Products Affected

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This change affects all Trenz Electronic TE0823 SoMs of revision 01: TE0823-01

<b>Affected Product</b>	<b>Replacement</b>
TE0823-01-3PIU1FA	TE0823-01-3PIU1MA
TE0823-01-3PIU1FL	TE0823-01-3PIU1ML
TE0823-01-S001	TE0823-01-S002

## 2 Changes

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### 2.1 #1 Change eMMC (U6) from IS21ES08G-JCLI to SDINBDG4-8G-XI2

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**Type:** BOM change

**Reason:** Distributor informed about unforeseeable immediate EOL of parts. No official documents from manufacturer are available. No LTB, already confirmed orders were cancelled by distributor/manufacturer.

**Impact:** None. Replacement has same capacity as used on corresponding affected variant. Reference designs for vivado versions 2019.2 and 2020.2 were tested and work properly without any changes.

### 2.2 #2 Clock Revision Change (U14) SiT8008AI-73-XXS-52.000000E to SiT8008BI-73-XXS-52.000000E

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**Type:** BOM change

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

**Impact:** None.

## 2.3 #3 Change Ferrite Beads (L1, L2, L3, L4, L5, L7, L9, L10, L11, L12) BKP0603HS121-T to MPZ0603S121HT000

**Type:** BOM change

**Reason:** Part is NRND and EOL announced.

**Impact:** None. DC resistance decreased from 150mOhm to 130mOhm, rated current increased from 0.85A to 1A.

## 2.4 #4 Set S/N to not fitted

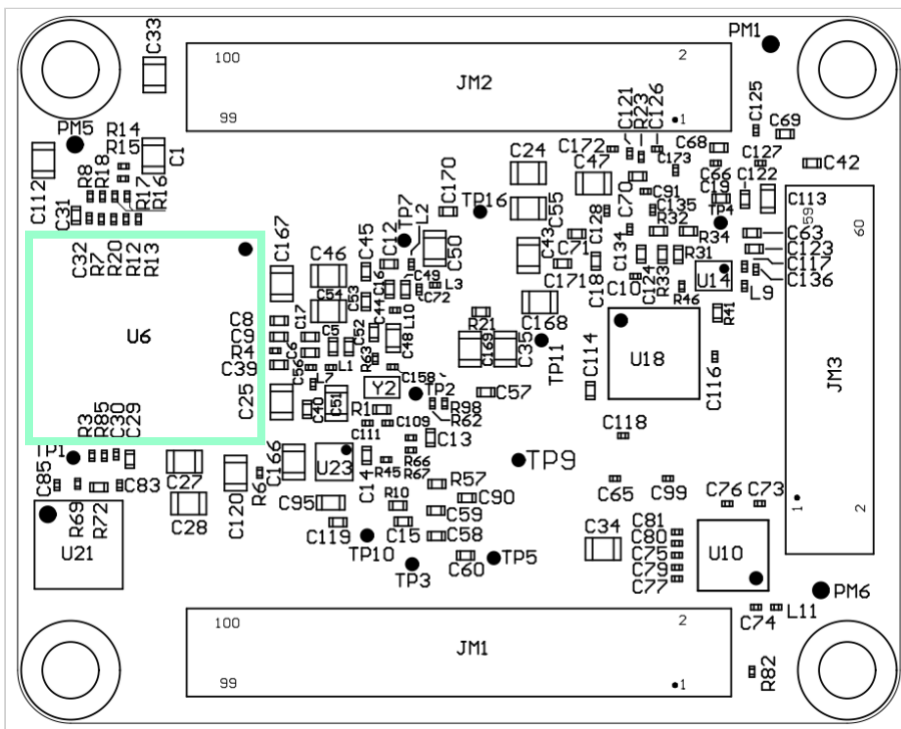
**Type:** BOM change

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

**Impact:** Track it pad no more available.

## 3 Method of Identification

Locate eMMC (U6) on bottom side of PCB:



old	new
	

## 4 Production Shipment Schedule

From end of August 2021, after old stock is gone, all variants above are replaced by the corresponding variants.

## 5 Contact Information

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-20210618)
- phone
  - national calls: 05741 3200-0
  - international calls: +49 5741 3200-0

## 6 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.

<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-20210618>