

Company	Trenz Electronic GmbH
PCN Number	PCN-20171117
Title	PCN-20171117 TE0820-02 SPI Flash Change
Subject	BOM change
Issue Date	20171117

## Products Affected

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This change affects all Trenz Electronic TE0820 SoMs: TE0820-02\*.

Affected Product	Replacement
TE0820-02-02CG-1E	TE0820-02-02CG-1EA
TE0820-02-02EG-1E	TE0820-02-02EG-1EA
TE0820-02-02EG-1E3	TE0820-02-02EG-1EL
TE0820-02-03CG-1E	TE0820-02-03CG-1EA
TE0820-02-03EG-1E	TE0820-02-03EG-1EA
TE0820-02-03EG-1E3	TE0820-02-03EG-1EL
TE0820-02-04CG-1E	TE0820-02-04CG-1EA
TE0820-02-04EV-1E	TE0820-02-04EV-1EA

## Changes

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### #1 Change SPI Flash from N25Q256A11E1240E to N25Q512A11G1240E

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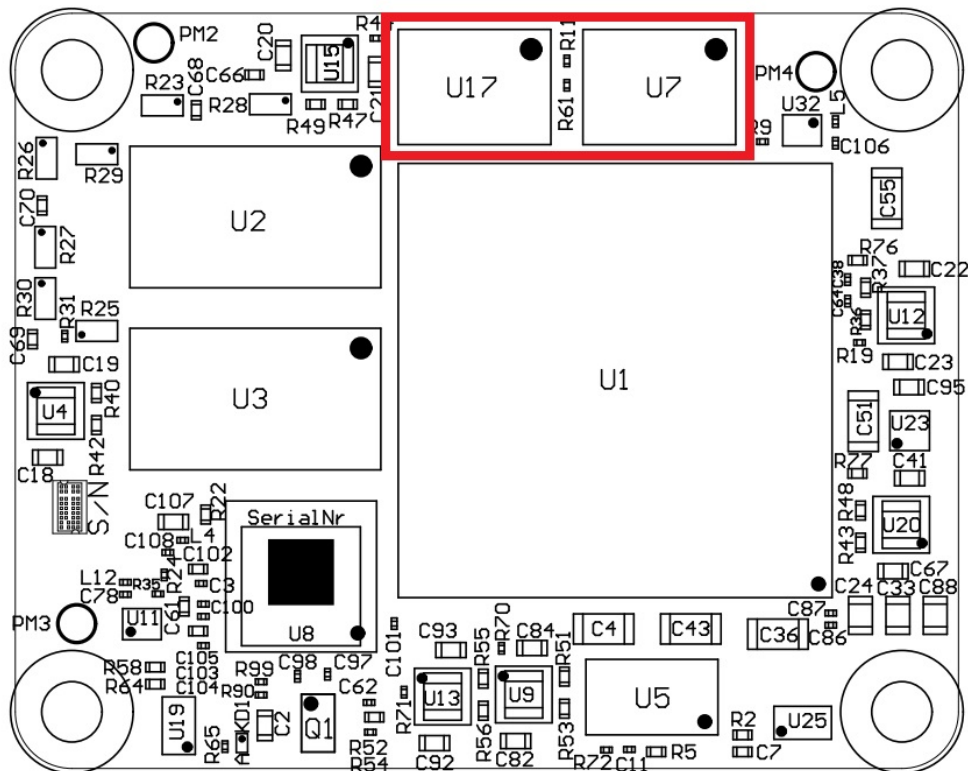
**Type:** BOM change

**Reason:** N25Q256A11E1240E became obsolete, replacement part not available for purchase. This is only interim solution because N25Q512A11G1240E is also obsolete already. It will be changed after the replacement parts get available.

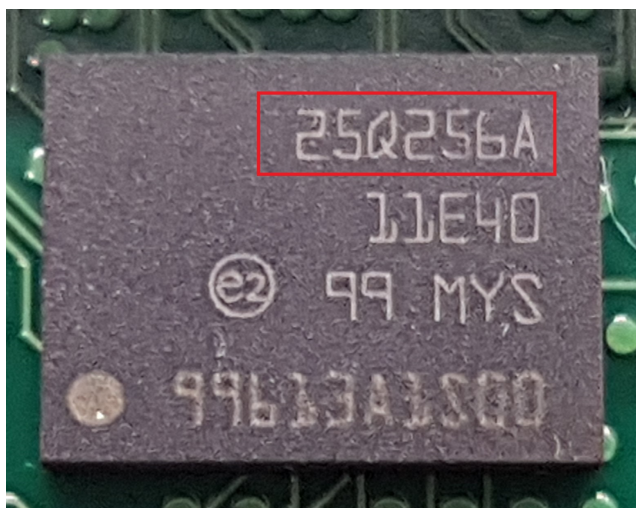
**Impact:** Size changed from 256 MBit to 512 MBit per chip. JEDEC ID changed from BB19h to BB20h both with manufacturer ID: 20h.

## Method of Identification

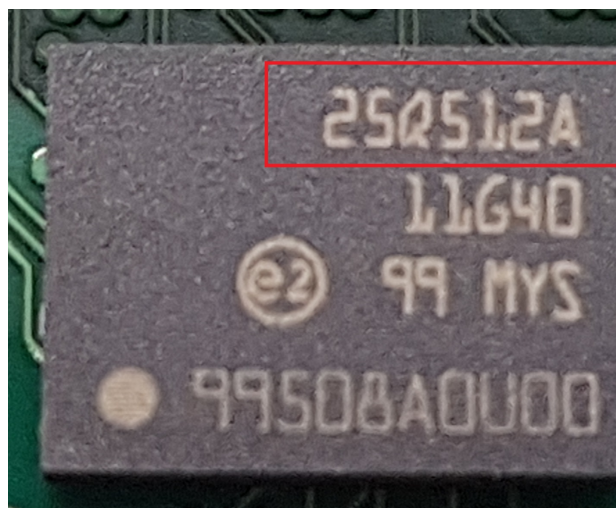
Locate Flash on topside of PCB:



N25Q256A11E1240E



N25Q512A11G1240E



## Production Shipment Schedule

From November 2017, after old stock is gone.

## 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)
- [wiki.trenz-electronic.de](http://wiki.trenz-electronic.de)
- [support@trenz-electronic.de](mailto:support@trenz-electronic.de) (subject = PCN-20171117)
- phone
  - national calls: 05223 65301-0
  - international calls: 0049 5223 65301-0

## 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.