

Company	Trenz Electronic GmbH
PCN Number	PCN-20251208
Title	TEB0912-03 DDR4 Update
Subject	BOM Change
Issue Date	2025-12-09

Products Affected

This change affects all Trenz Electronic TEB0912 boards: TEB0912-03*.

Affected Product	Replacement
TEB0912-03-ABI21-A	TEB0912-03-ABI51-A

Changes

#1 Changed DDR4 SDRAM (U5 ... U10, U28, U29) from K4A8G165WB-BIRC to NT5AD512M16H4-JRI.

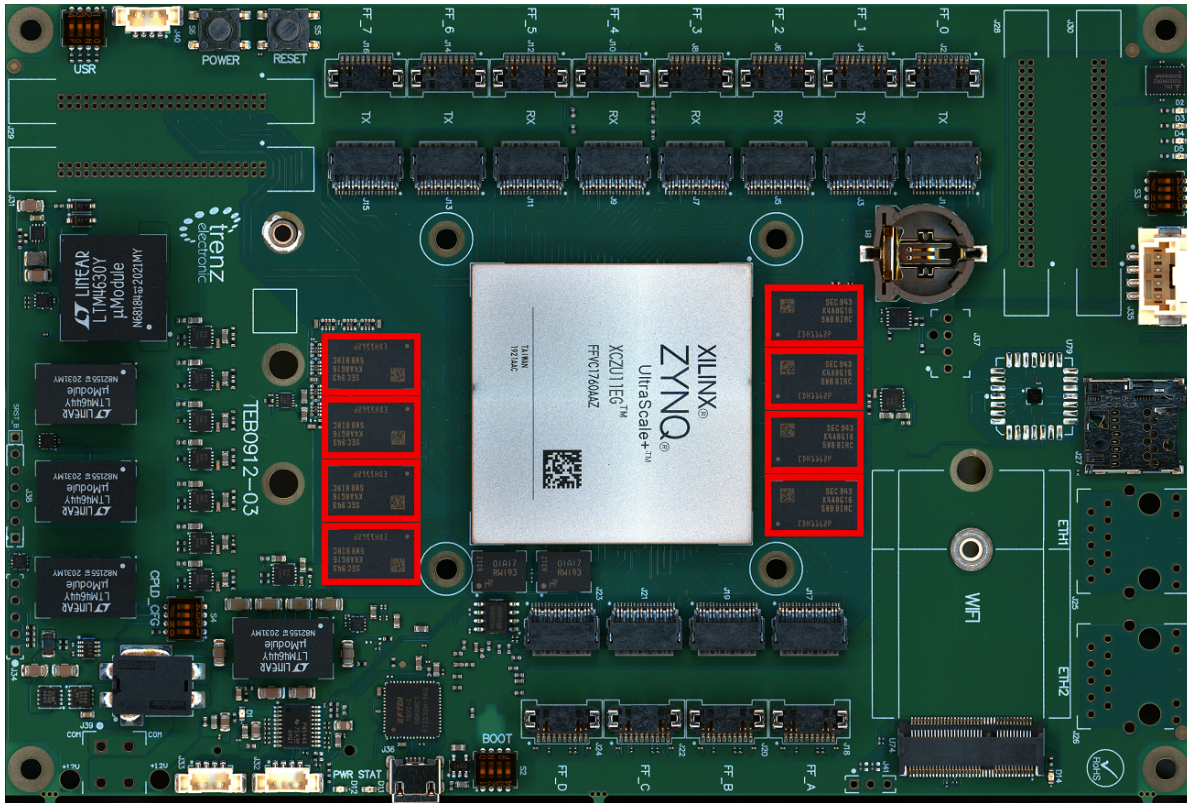
Type: BOM change

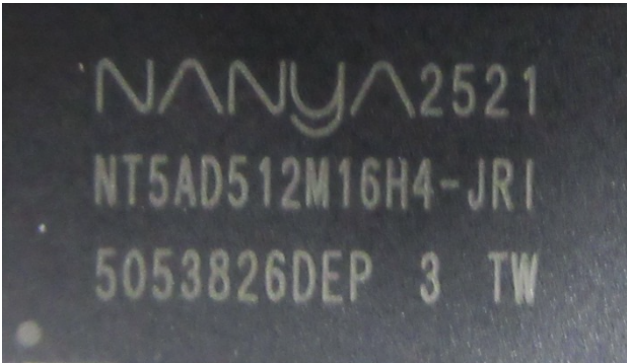
Reason: EOL of old DDR4.

Impact: New DDR timings may be considered in designs. DDR4 setup used in reference design is known to work still according to [ZynqMP DDR4 Memory Setup](#).

Method of Identification

Locate DDR4 SDRAM (U5 ... U10, U28, U29) on top side of TEB0912-03 PCB:



old	new
K4A8G165WB-BIRC	NT5AD512M16H4-JRI
	

Production Shipment Schedule

This change takes place with immediate effect. If the new variant is not suitable for your application and still former variant of the board is needed, please contact us.

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-20251208)
- phone
 - national calls: 05741 3200-0
 - international calls: 0049 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.

This PCN follows JEDEC Standard J-STD-046.