

Company	Trenz Electronic GmbH
PCN Number	PCN-20241008
Title	TE0865-02 DDR4 SDRAM Change
Subject	BOM Change
Issue Date	2024-10-09

Products Affected

This change affects all Trenz Electronic TE0865 SoMs of REV02: TE0865-02*.

Affected Product	Changes	Replacement
TE0865-02-DGE43MA	#1	TE0865-02-DGE93MA
TE0865-02-ABI21MA	#2	TE0865-02-ABI81MA
TE0865-02-FBE23MA	#2	TE0865-02-FBE83MA

Changes

#1 Changed DDR4 SDRAM (U5 ... U11, U28, U29) from MT40A1G16RC-062E IT:B to MT40A1G16TB-062E IT:F.

Type: BOM change

Reason: EOL of Component.

Impact: New DDR timings may be considered in designs. DDR4 setup used in reference design is known to work still.

#2 Changed DDR4 SDRAM (U5 ... U11, U28, U29) from K4A8G165WB-BIRC to K4A8G165WC-BITDCT.

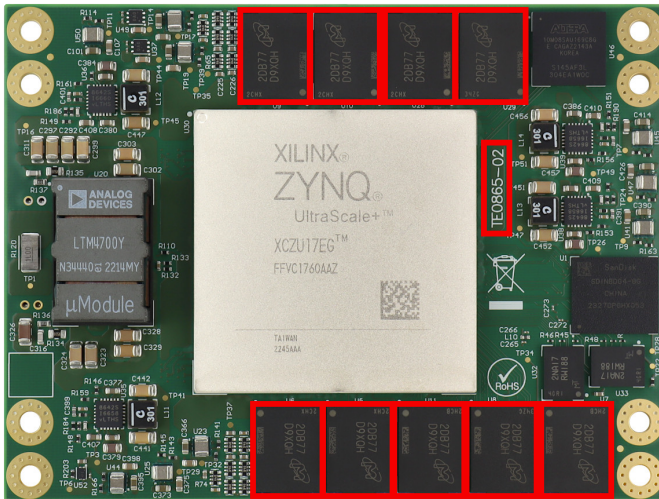
Type: BOM change

Reason: EOL of Component.

Impact: New DDR timings may be considered in designs. DDR4 setup used in reference design is known to work still.

Method of Identification

Locate DDR4 SDRAM (U5 ... U11, U28, U29) on top side of TE0865-02 PCB:



Change	old	new
#1	MT40A1G16RC-062E IT:B	MT40A1G16TB-062E IT:F
		

Change	old	new
#2	K4A8G165WB-BIRC	K4A8G165WC-BITDTCT
		

Production Shipment Schedule

This change takes place with immediate effect. If the new variants are not suitable for your application and still the former variants of the board are 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.de¹
- wiki.trenz-electronic.de²
- support@trenz-electronic.de³ (subject = PCN-20241008)
- 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.

¹ <http://forum.trenz-electronic.de/>

² <http://wiki.trenz-electronic.de/>

³ <mailto:support@trenz-electronic.de?subject=PCN-20241008>