

AVN-20230818 TE0950-02 Decreased Reset Signal Level

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Company	Trenz Electronic GmbH
AVNNumber	AVN-20230818
Title	AVN-20230623 TE0950 Decreased Reset Signal Level
Subject	Decreased Reset Signal Level
Issue Date	20230818

Affected Products:

First production batch of TE0950-02-EGBE21A.

Description:

Assembled R131 and R132 on first production batch of TE0950-02 will lead to decreased (~2.6V) reset signal voltage level. This is due to internal pull-up to 1.8V at RESET# input of Flash devices U23 and U24. Removing R131 and R132 cures the problem and has no other negative effect.

Impact:

As long as R131 and R132 are assembled RESET# inputs of FLASH devices are out of manufacturer specification, but function of devices is not affected. Further resetting of VERSAL configuration is observed when programming ARTIX FPGA device. To prevent this it is advised to de-solder R131 and R132.

Method of Identification

Boards shipped before 18. of August 2023 and with serial numbers up to 823260 (6 digit on white QR sticker on the board) are produced and shipped with R131 and R132 assembled.

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 = AVN-20230818)
- phone
 - national calls: 05741 3200-0
 - international calls: 0049 5741 3200-0

Disclaimer

Any projected dates in this AVN are based on the most current product information at the time this AVN 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.