

Company	Trenz Electronic GmbH
PCN Number	PCN-20240619
Title	TE0715-05 SI5338 OTP Content Update
Subject	OTP Change
Issue Date	2024-07-22

1 Products Affected

This change affects all Trenz Electronic TE0715-05 with a serial number greater than 886100.

2 Changes

2.1 #1 SI5338 OTP content update

Changes:

- a. New ClockBuilder Pro version (4.10) is used. This leads to parameter change # FDBK Mux = NoClk instead of # FDBK Mux = RefClk.
- b. Enable optional FPGA Fabric clock CLK2 125 MHz with LVDS18.
- c. Enable optional FPGA Fabric clock CLK3A 50 MHz with CMOS18.
- d. Set I2C voltage to 2.5V/3.3V instead of 1.8V

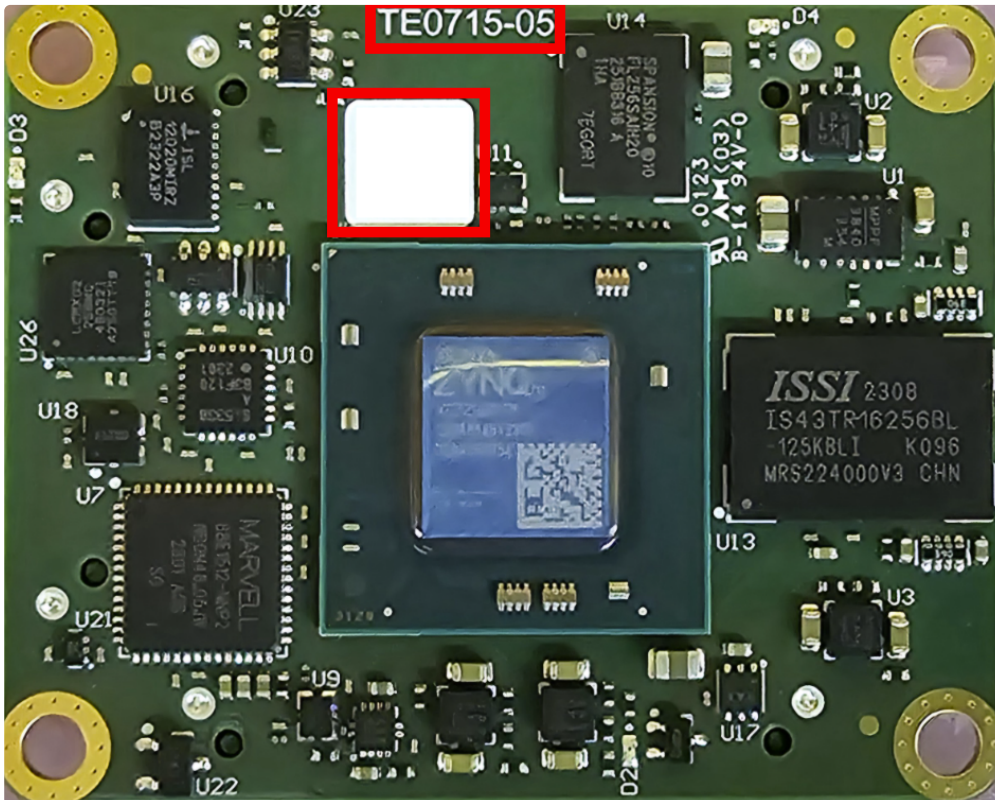
Type: Firmware Change

Reason: Improved PLL settings.

Impact: Additional clock is available on Bank 34 IO_L9N, Pin K2.

3 Method of Identification

The model code and revision number (TE0715-05) are printed on the top side of the PCB. The serial number is written at the QR-code on the top side label.



4 Production Shipment Schedule

With immediate effect this change takes place. If the changed product is not suitable for your application and still the former product of the board is needed, please contact us.

5 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-20240619)
- phone

¹ <http://forum.trenz-electronic.de/>

² <http://wiki.trenz-electronic.de/>

³ <mailto:support@trenz-electronic.de?subject=PCN-20240619>

- national calls: 05741 3200-0
- international calls: 0049 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.

This PCN follows JEDEC Standard J-STD-046.