

# PCN-20201026 TEC0330-04 to TEC0330-05 Hardware Revision Change

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<b>Company</b>	Trenz Electronic GmbH
<b>PCN Number</b>	PCN-20201026
<b>Title</b>	TEC0330-04 to TEC0330-05 Hardware Revision Change
<b>Subject</b>	Hardware Revision Change
<b>Issue Date</b>	2020-10-27

## Products Affected

This change affects all Trenz Electronic TEC0330 modules of revision 04.

Affected Product	Replacement
TEC0330-04	TEC0330-05

## Changes

### #1 FMC Fan F455B-05MD replaced by F455B-05LD

**Type:** BOM change

**Reason:** Old fan is end of life.

**Impact:** Specified airflow of fan decreases slightly from 0.03 m³/min to 0.028 m³/min.

### #2 Added AC coupling capacitors C244, C245, C246, C247

**Type:** Schematic change

**Reason:** Xilinx recommendation for GTH transeivers reference clocks (UG476).

**Impact:** AC coupling according to datasheet.

### #3 Hardware board revision bits (Pins AP25 - AP27) updated to REV05

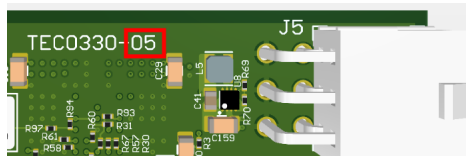
**Type:** Schematic change

**Reason:** Reflect actual hardware revision.

**Impact:** If hardware board revision bits are used, the design has to be updated accordingly.

## Method of Identification

The revision number is printed on the top side of the PCB.



## Production Shipment Schedule

From February 2021, after old stock is gone. If still the old assembly variant 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](https://forum.trenz-electronic.de)
- [wiki.trenz-electronic.de](https://wiki.trenz-electronic.de)
- [support@trenz-electronic.de](mailto:support@trenz-electronic.de) (subject = PCN-20201026)
- phone
  - national calls: 05741 3200-0
  - international calls: +49 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.