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The Embedded I/O Company

TPCI270 PMC Carrier for PCI Card Interface



Application Information

The TPCI270 is a standard 33 MHz, 32 bit PCI carrier for a single PMC Card. It provides PMC front I/O and PMC P14 rear I/O. This PMC to PCI adapter is used to build modular, flexible and cost effective I/O solutions with PMC devices in standard PCI systems.

The TPCI270 is used as a mechanical adapter to connect a PMC module into standard PCI bus based systems.

Operation with 3.3V and 5.0V PCI I/O signaling voltage guaranties compatibility with nearly all PC main boards.

The TPCI270-2xR provides a local 3.3V Generation with a typical current limit of 2A for PC mainboards that do not support 3.3V as PCI supply voltage.

The TPCI270 offers standard PMC front I/O and PMC P14 rear I/O routed to a VME P2 style connector (603-2-IEC-C064-M).

Operating temperature range is -40°C to +85°C.

Technical Information

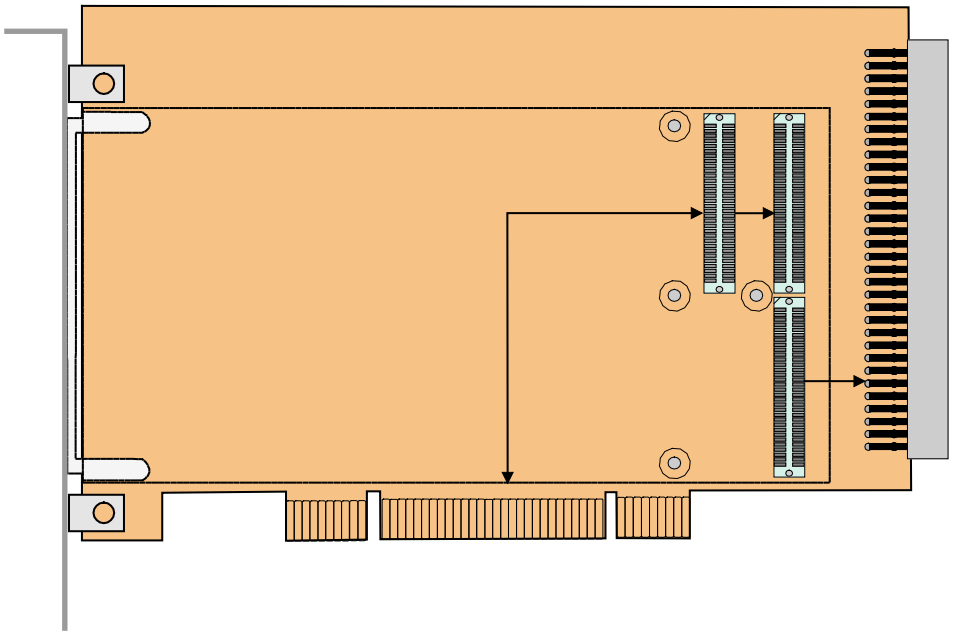
- PCI Card Interface, PCI 2.2 compliant interface
- One PMC sites conforming to PMC standard (IEEE 1386)
- PCI Interface: 33 MHz; 32 bit
- PCI I/O signaling voltage: 3.3V or 5.0V PCI 2.2 compliant interface
- Front panel I/O
- PMC P14 rear I/O connected to VME P2 style connector (603-2-IEC-C064-M)
- Size: 107 mm x 170 mm
- Operating temperature -40°C to +85°C

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Issue 1.0.2
2017-08-31

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Order Information

RoHS Compliant

TPCI270-10R 1 Slot Passive PMC Carrier
TPCI270-20R 1 Slot Passive PMC Carrier, on board generation of 3.3V

For the availability of non-RoHS compliant (leaded solder) products please contact TEWS.

Documentation

TPCI270-DOC User Manual

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