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TCP260 Dual PMC Carrier for 6U CompactPCI (J3/J5 I/O)

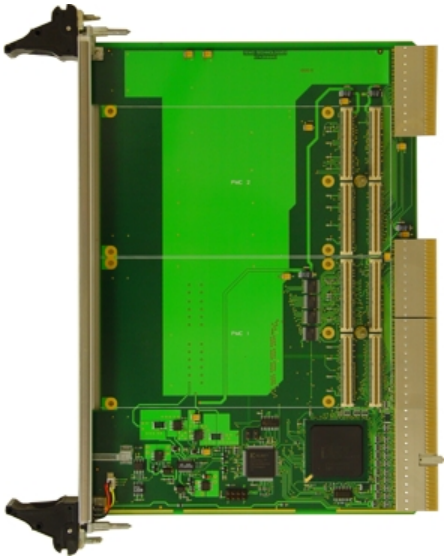
Application Information

The TCP260 is a standard 6U CompactPCI carrier that provides front I/O and rear I/O for up to two single width PMC modules.

The transparent PCI to PIC Bridge is used as the PCI bridging device between the primary CompactPCI bus and the on board secondary PCI bus where the two PMC slots reside.

Supported PCI bus data widths are 32 bit and 64 bit. Supported PCI bus frequencies are 33 MHz and 66 MHz.

The TCP260 supports standard PMC front I/O and CompactPCI rear I/O. The PMC slot 1 I/O lines are connected directly to the CompactPCI connector J3. The PMC slot 2 I/O lines are connected directly to the CompactPCI connector J5.



The TCP260 also provides hot swapping capability. The TCP260 on board hot swap controller controls the installation and reinstallation process of the TCP260 without powering down the CompactPCI system.

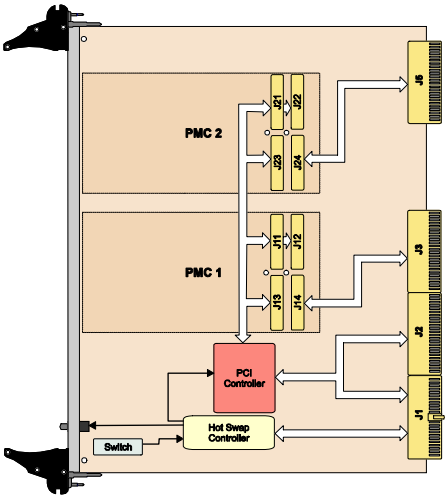
The TCP260 carrier complies with the PICMG 2.0 Revision 3.0 CompactPCI specification.

The TCP260 is available in extended temperature range as TCP260-10R-ET and TCP260-11R-ET.

For First-Time-Buyers the Engineering Documentation TCP260-ED is recommended. The Engineering Documentation includes TCP260-DOC, schematics and data sheets of the TCP260.

Technical Information

- Standard 6U 32/64 bit CompactPCI module conforming to PICMG 2.0 R3.0
- PCI 2.2 compliant interface
- Two PMC sites conforming to PMC standard
- Board size: 160 mm x 233.35 mm
- Front panel I/O
- CompactPCI rear I/O : Connector J3 and J5
- PCI Interface : 33 / 66 MHz; 32 / 64 bit
- PCI-to-PCI bridge Pericom PI7C8154
- CompactPCI hot swap conforming to PICMG 2.1 R2.0
- 5V and 3.3V signaling
- Temperature range: 0°C to +70°C (TCP260-10R/-11R) and -40°C to +85°C (TCP260-10R-ET/-11R-ET)



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Order Information

RoHS Compliant

TCP260-10R	Dual PMC Carrier for 6U CompactPCI 5V PMC V/IO voltage
TCP260-10R-ET	Same as TCP260-10R but Extended Temperature Range
TCP260-11R	Dual PMC Carrier for 6U CompactPCI 3.3V PMC V/IO voltage
TCP260-11R-ET	Same as TCP260-11R but Extended Temperature Range

Documentation

TCP260-DOC	User Manual
TCP260-ED	Engineering Documentation, includes TCP260-DOC

Related Products

TCP020-TM	Transition Module for 6U cPCI PMC carrier with Back I/O via J3 and J5

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