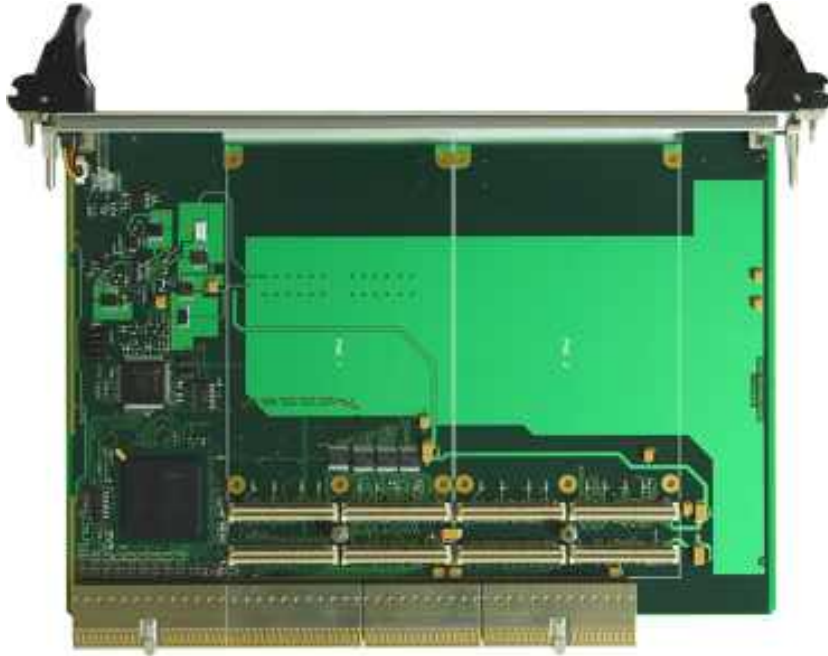


TCP261 Dual PMC Carrier for 6U CompactPCI (J3/J4 I/O)



Application Information

The TCP261 is a standard 6U CompactPCI carrier that provides front I/O and rear I/O for up to two single width PMC modules.

32 bit and 64 bit PCI accesses are supported on PCI bus with PCI frequency 33 MHz and also 66 MHz. The transparent PCI-to-PCI bridge provides the real connection between primary CompactPCI bus and the two secondary PMC slots. The bridge controls all PCI accesses, data bus width and in each case the frequency for a PMC access to one of the connected modules.

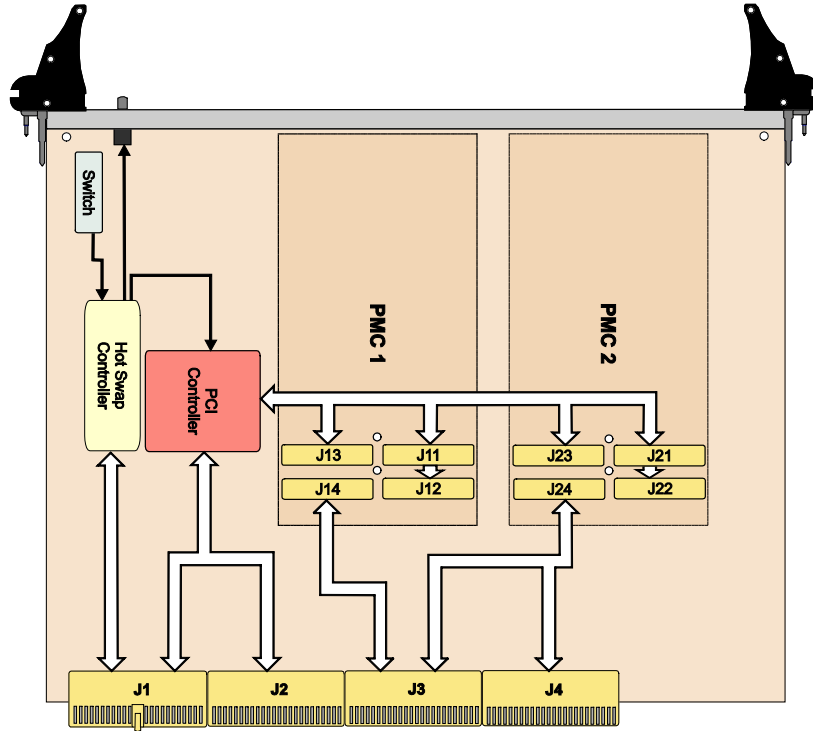
The TCP261 supports standard PMC front I/O and for both PMC slots CompactPCI rear I/O. The PMC slot 2 is connected directly to the CompactPCI connector J4 and J3. The PMC slot 1 is connected directly to the CompactPCI connector J3.

Capability of hot swapping is realized by a hot swap controller for the TCP261. The hot swap controller and the PCI-to-PCI Bridge are controlling the installation and reinstallation process of the TCP261 without power down the system.

The TCP261 carrier complies with the PICMG 2.0 Revision 3.0 CompactPCI specification.

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 J4 conforming to PICMG 2.3 R1.0
- 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
- Operating temperature 0°C to +70°C(TCP261-10R/-11R) and -40°C to +85°C (TCP261-10R-ET/-11R-ET)



Order Information

RoHS Compliant

TCP261-10R	6U Dual PMC Carrier, J3/J4 I/O, 5V PMC I/O signaling voltage
TCP261-10R-ET	6U Dual PMC Carrier, J3/J4 I/O, 5V PMC I/O signaling voltage, ext. temp.
TCP261-11R	6U Dual PMC Carrier, J3/J4 I/O, 3.3V PMC I/O signaling voltage
TCP261-11R-ET	6U Dual PMC Carrier, J3/J4 I/O, 3.3V PMC I/O signaling voltage, ext. temp.

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

Documentation

TCP261-DOC	User Manual
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Related Products

TCP021-TM	6U Transition Module, RJ3/RJ4, 2 PIM Slot
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