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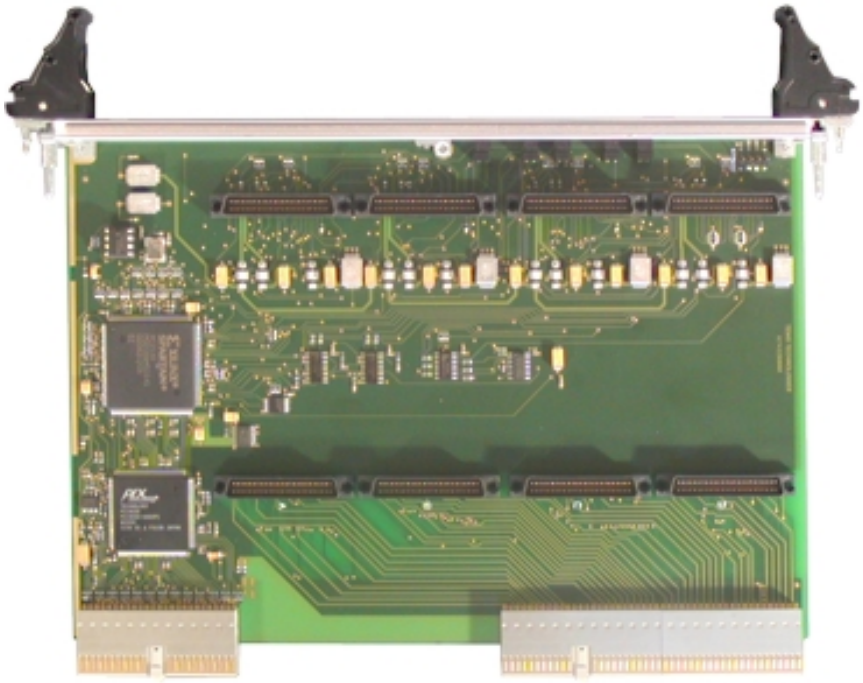
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The Embedded I/O Company

TEWS TECHNOLOGIES

TCP220 CompactPCI Carrier for 4 IndustryPacks®



Application Information

The TCP220 a standard 6U CompactPCI Carrier provides back I/O for up to four single-size or two double-size IndustryPack (IP) modules used to build modular, flexible and cost effective I/O solutions for applications in control, medical systems, telecommunication and traffic control.

Access to all IP I/O lines is provided by a PICMG 2.4 R1.0 compliant I/O mapping via J4 and J5. Status indicators for IP access, +5V and +/-12V are provided in the front panel.

The TCP220 can operate with 3.3V and 5.0V PCI I/O signaling voltage.

All IP interrupt request lines are mapped to PCI INTA. For fast interrupt source detection, the TCP220 provides a special IP interrupt status register.

The IP power lines are fuse protected by self healing fuses and RF filtered. The operating temperature range is -40°C to +85°C.

The TCP220 complies with the PICMG 2.0 Revision 3.0 CompactPCI specification.

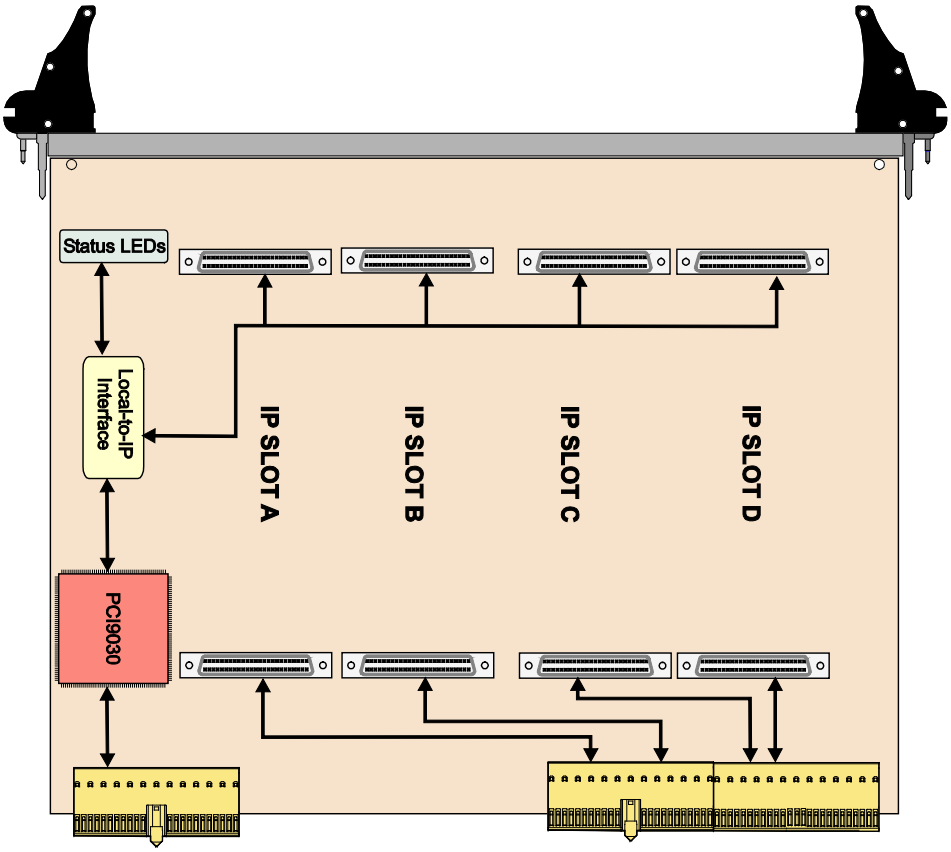
Technical Information

- Standard 6U 32Bit CompactPCI module conforming to PICMG 2.0 Rev 3.0
  - PCI 2.2 compliant interface
  - Board size: 160mm x 233.35mm
  - PCI Interface : 33 MHz; 32 bit
  - 5V and 3.3V PCI I/O signaling voltage
- ANSI/VITA 4-1995 compliant interface to IndustryPack modules
  - IndustryPack slots: Four single-size or two double-size
  - 8/32 MHz interface, no DMA
  - 8 MByte memory space per IP
  - Routing of all IP interrupts to PCI INTA, local interrupt status register
  - I/O access: PICMG 2.4 R1.0 compliant via J4, J5
- Status LED's
  - ACK LED for each IP module
  - +5V Power LED for each IP slot
  - +12V and –12V Power LED
- Self Healing fuses and RF-filtering on all IP power lines
- Operating temperature -40°C to +85°

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TEWS TECHNOLOGIES GmbH
Am Bahnhof 7 25469 Halstenbek, Germany
Phone: +49 (0) 4101 4058 0 Fax: +49 (0) 4101 4058 19
e-mail: info@tews.com www.tews.com



Order Information

RoHS Compliant

TCP220-10R 6U 4 Slot IndustryPack Carrier, rear I/O on J4/J5

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

Documentation

TCP220-DOC User Manual

Software

CARRIER-SW-42 VxWorks IP Carrier Software Support (Legacy and VxBus-enabled Software Support)
CARRIER-SW-65 Windows IP Carrier Software Support
CARRIER-SW-82 Linux IP Carrier Software Support
CARRIER-SW-95 QNX IP Carrier Software Support

For other operating systems please contact TEWS.

Related Products

TCP001-TM 6U Transition Module for IndustryPack Carrier, 50pin ribbon cable connectors (rack internal)
TCP002-TM 6U Transition Module for IndustryPack Carrier, HD50 connectors

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TEWS TECHNOLOGIES GmbH
Am Bahnhof 7 25469 Halstenbek, Germany
Phone: +49 (0) 4101 4058 0 Fax: +49 (0) 4101 4058 19
e-mail: info@tews.com www.tews.com

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