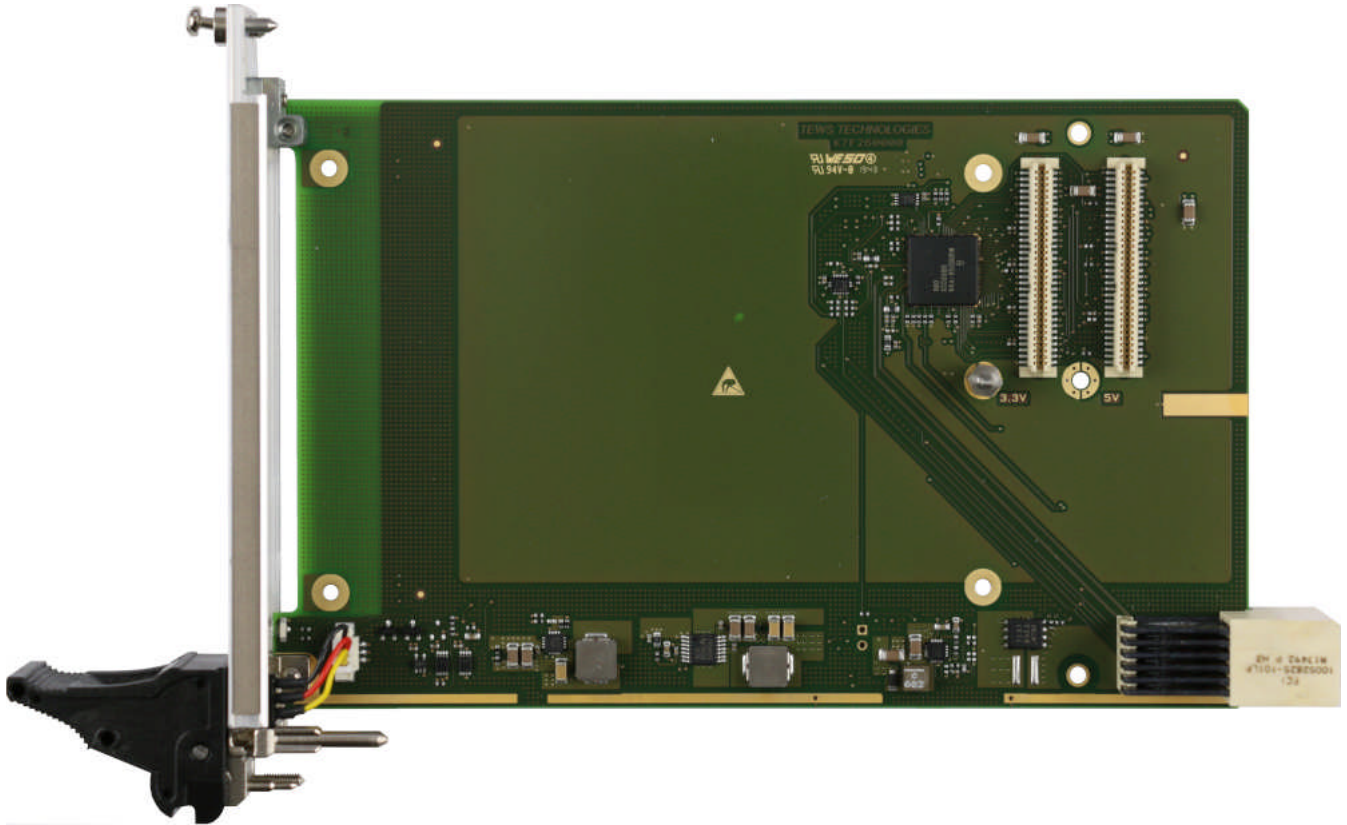


TCPS260 3U CompactPCI Serial PMC Module Carrier



Application Information

The TCPS260 is a PICMG CPCI-S.0 R2.0 compatible 3U module that provides one slot for a single-width PMC module used to build modular, flexible and cost effective I/O solutions for all kinds of applications like process control, medical systems, telecommunication and traffic control.

The TCPS260 is a versatile solution to upgrade well known PMC I/O solutions to the CompactPCI Serial standard.

The bridging between the system host board and the PMC slot is handled by a transparent PCIe-to-PCI Bridge. The Bridge provides an x1, Rev. 2.0 PCIe link with 2.5 Gbps signaling rate.

On the PMC side, PCI signaling voltages of 3.3V and 5V are supported; 3.3V signaling is default. 32-bit PCI accesses are possible with 33MHz or 66MHz. The TCPS260 supports PMC front-panel I/O.

Technical Information

- Form Factor: 3U CPCI-S.0 R2.0
 - Board size: 160 mm x 100 mm
- One PMC site conforming to IEEE 1386.1
 - PCI Interface: 33/66 MHz, 32-Bit
 - PCI I/O Signaling Voltage: 3.3V or 5V (3.3V factory default)
 - PMC Front Panel I/O
- XIO2001 PCIe-to-PCI Bridge
 - PCI Express x1, Revision 2.0
 - 2.5 Gbps signaling rate
- Operating temperature -40°C to +85°C
- MTBF (MIL-HDBK217F/FN2 GB 20°C)
TCPS260-10R: 672000 h

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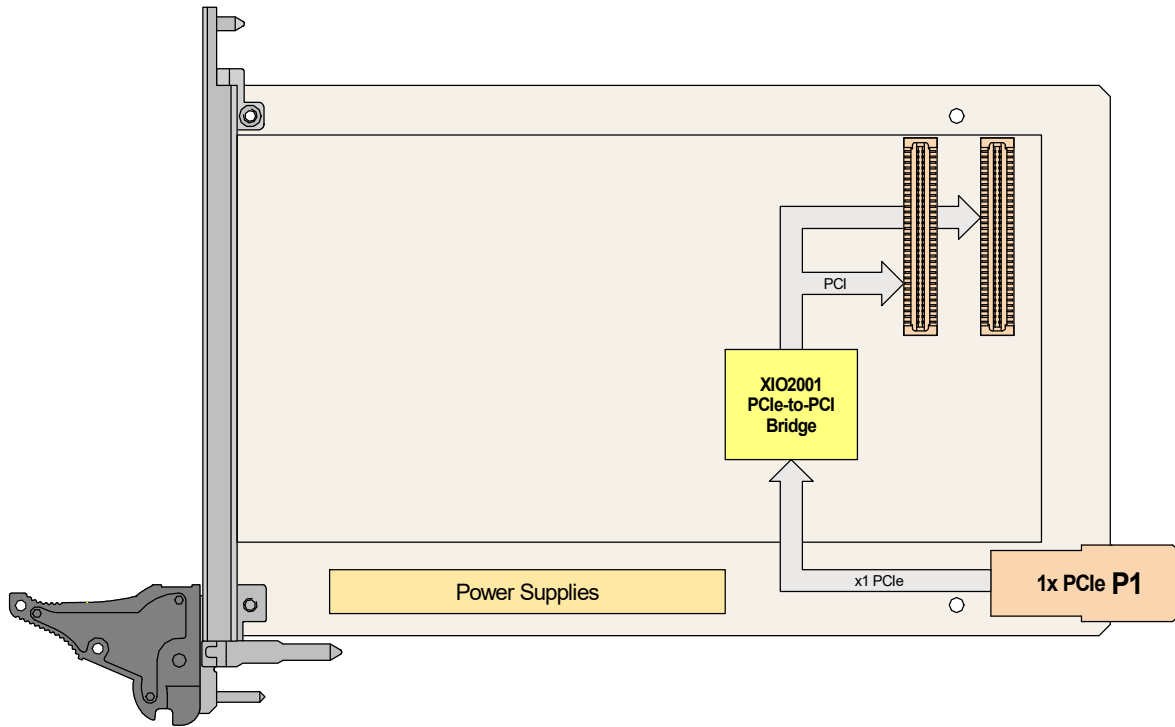
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Order Information

RoHS Compliant

TCPS260-10R 3U CompactPCI Serial PMC Module Carrier, PCIe x1

Documentation

TCPS260-DOC User Manual