



CompactPCI Express Switch Board

Product #OSS-IOe-3U-SW
#OSS-IOe-6U-SW



Description

CompactPCI Express (CPCIe) switch board provide fan-out of CPCIe peripheral slots with one downstream cable connector for expansion.

Features

- Interfaces with CPCI Express system slot
- Provides downstream links to seven CPCI Express peripheral slots
- Available in 3U and 6U
- Provides one external PCI Express link from its faceplate

Ordering Information

CompactPCI Express Switch Board

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Specifications

Form Factor	3U CompactPCI Express, PICMG EXP.0, single slot
Slot Type	PICMG EXP.0 switch slot
Dimensions	3.937in W x 6.3in L x .062in H (100 x 160 x 1.6 mm)
Switch	PLX PEX 8532
Backplane Interfaces	Seven x4 CPCIe links on advanced differential fabric (ADF) connectors XSJ2-4
Front Panel Interface	1 x4 PCIe cable link on shielded Molex 75586-0010 connector
Front Panel Indicators	Bank of 8 PCIe link-active indicators (green)
CPCI Express Switch Specifications	<ul style="list-style-type: none"> • Seven CPCIe 1.0 compliant ports • 100 MHz reference clock on each port • 56 byte maximum payload size with automatic link training
PCI Express Cable Interface Specifications	<ul style="list-style-type: none"> • One x4 port x4 with a PCI-SIG 0.5 compliant cable connector • Cable link as a downstream port to other PCIe devices or expansion chassis
Power Consumption	• 3.3V @ 2A
Operating Environment	<ul style="list-style-type: none"> • Temperature Range: 0° to 55°C (32° to 122°F) • Relative Humidity: 5 to 90% non-condensing • Shock: 30g acceleration peak (11ms pulse) • Vibration: 5-17 Hz 0.5" double amplitude displacement; 7-2000Hz, 1.5g acceleration
Designed to meet	UL 60950, FCC Class B, CE safety and emissions

