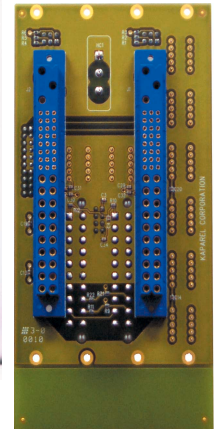
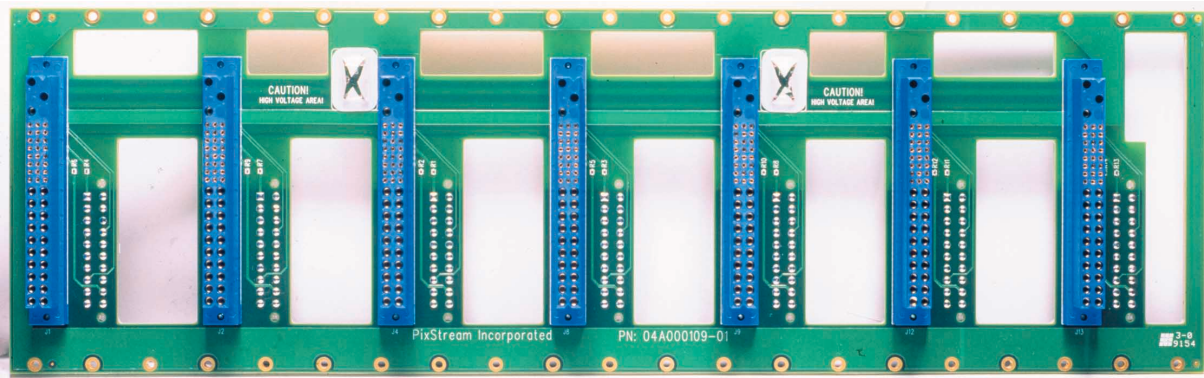


Power Supply Backplane Solutions For CompactPCI Applications

3U Power Supply Backplanes



PS1227 3U x 84HP:

The PS1227 is an 84HP wide backplane designed to accept up to seven CompactPCI hot-insertable power supply modules, and supply DC power to other CompactPCI backplanes. The large number of modules supported by the power plane enables upwards of 1050W to be managed within a small 3U enclosure.

Power is supplied to the PS1227 through AC or DC power input taps. Seven, ATX-style, 18 gauge wiring harness assemblies provide an interconnection between the power backplane and other CompactPCI backplanes. These wiring harnesses provide +5 V, +3.3 V, +12 V, -12 V, GND, and control signals between the two backplanes. These wiring harnesses, the PS1600, can be ordered separately. The PS1227 uses the new P47 power supply connector, as specified in the PICMG 2.11 R1.0 Power Interface Specification.

In addition, the PS1227 is perforated to allow both horizontal front-to-back airflow, as well as the standard vertical convection.

PS1222 3U x 16HP:

The PS1222 is a 3U, 16HP wide backplane designed to accept up to two CompactPCI hot-insertable power supply modules, and supply DC power to other CompactPCI backplanes. Power is supplied to the backplane through AC or DC power input taps. Two, ATX-style, 18 gauge wiring harness assemblies provide an interconnection between the power backplane and other CompactPCI backplanes. These wiring harnesses provide +5 V, +3.3 V, +12 V, -12 V, GND, and control signals between the two backplanes. These wiring harnesses, the PS1600, can be ordered separately.

The PS1222 uses the new P47 power supply connector, as specified in the PICMG 2.11 R1.0 Power Interface specification.

Specifications/Compliance:

All powerplanes in the PS1220 Series meet the following specifications:

PICMG 2.0 R2.1 CompactPCI Specification

PICMG 2.11 R1.0 Power Interface Specification

Order No.	Model No.	Related products
3686546	PS1300	3U modular series backplanes (see pg 86)
3680390	PS3300	3U hot swappable power supplies (see pg 90)
3686570	PS1600	20 conductor ATX cable assembly, 16" (see pg 85)

Order No.	Model No.	Dimensions	Power supply capacity	Input connector	Output connector	Power input	Voltage settings	Hot swap
3688603	PS1222	3U x 16HP	2 x 1 (3U) dual	P47	ATX	500W(2 x 250W)	local/remote	•
3682153	PS1227	3U x 84HP	7 x 1 (3U) multiple	P47	ATX	1050W(7 x 150W)	local/remote	•