

CPCI Backplane, System Slot Right



The nVent SCHROFF CompactPCI Backplanes have best in class signal integrity and MTBF values due to SMD components, ceramics capacitors and press fit connectors

CERTIFICATIONS



FEATURES

In accordance with: PICMG 2.0 R3.0 CompactPCI Core specification, PICMG 2.1 R2.0 Hot Swap specification, PICMG 2.9 R1.0 System Management Bus specification, PICMG 2.10 R1.0 Keying specification

Digital GND can be connected to/isolated from chassis GND by means of screws

V(I/O) adjustable to +3.3 V or +5 V

Infeed of supply voltages via powerbugs (ring tag M4), FASTONs

Outer layers act as GND surfaces

Utility plug for status signals (SMCQ)

Multiple backplanes can be placed together without loss of slots

Outstanding high-frequency noise suppression and very high MTBF values due to ceramic capacitors

Intelligent platform management bus (IPMB) connector to PICMG 2.9

SPECIFICATIONS

Table 1/3

Catalog Number	Product Type	Number of Slots	Rack Height	Backplane Type	System Slot	Slot Width
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23006-811	Backplane	1	3U	CompactPCI, No Bus		4HP
23006-332	Backplane	2	3U	CompactPCI, 32-bit	Right	4HP
23006-331	Backplane	1	3U	CompactPCI, No Bus		4HP
23006-812	Backplane	2	3U	CompactPCI, 32-bit	Right	4HP
23006-813	Backplane	3	3U	CompactPCI, 32-bit	Right	4HP
23006-833	Backplane	3	3U	CompactPCI, 64-bit	Right	4HP
23006-303	Backplane	3	3U	CompactPCI, 32-bit	Right	4HP
23006-834	Backplane	4	3U	CompactPCI, 64-bit	Right	4HP
23006-354	Backplane	4	3U	CompactPCI, 64-bit	Right	4HP
23006-334	Backplane	4	3U	CompactPCI, 32-bit	Right	4HP
23006-814	Backplane	4	3U	CompactPCI, 32-bit	Right	4HP
23006-835	Backplane	5	3U	CompactPCI, 64-bit	Right	4HP
23006-355	Backplane	5	3U	CompactPCI, 64-bit	Right	4HP
23006-301	Backplane	5	3U	CompactPCI, 32-bit	Right	4HP
23006-815	Backplane	5	3U	CompactPCI, 32-bit	Right	4HP
23006-862	Backplane	2	6U	CompactPCI, 64-bit	Right	4HP
23006-336	Backplane	6	3U	CompactPCI, 32-bit	Right	4HP
23006-372	Backplane	2	6U	CompactPCI, 64-bit	Right	4HP
23006-816	Backplane	6	3U	CompactPCI, 32-bit	Right	4HP

23006-817	Backplane	7	3U	CompactPCI, 32-bit	Right	4HP
23006-358	Backplane	8	3U	CompactPCI, 64-bit	Right	4HP
23006-838	Backplane	8	3U	CompactPCI, 64-bit	Right	4HP
23006-337	Backplane	7	3U	CompactPCI, 32-bit	Right	4HP
23006-300	Backplane	8	3U	CompactPCI, 32-bit	Right	4HP
23006-818	Backplane	8	3U	CompactPCI, 32-bit	Right	4HP
23006-373	Backplane	3	6U	CompactPCI, 64-bit	Right	4HP
23006-863	Backplane	3	6U	CompactPCI, 64-bit	Right	4HP
23006-374	Backplane	4	6U	CompactPCI, 64-bit	Right	4HP
23006-864	Backplane	4	6U	CompactPCI, 64-bit	Right	4HP
23006-865	Backplane	5	6U	CompactPCI, 64-bit	Right	4HP
23006-375	Backplane	5	6U	CompactPCI, 64-bit	Right	4HP
23006-866	Backplane	6	6U	CompactPCI, 64-bit	Right	4HP
23006-377	Backplane	7	6U	CompactPCI, 64-bit	Right	4HP
23006-867	Backplane	7	6U	CompactPCI, 64-bit	Right	4HP
23006-353	Backplane	3	3U	CompactPCI, 64-bit	Right	4HP
23006-376	Backplane	6	6U	CompactPCI, 64-bit	Right	4HP
23006-378	Backplane	8	6U	CompactPCI, 64-bit	Right	4HP
23006-868	Backplane	8	6U	CompactPCI, 64-bit	Right	4HP

Table 2/3

Catalog Number	Voltage I/O	Connector Type	Power Connector Type	Utility Connector Type	Width	Package Quantity
23006-811	5V	HM 2.0	Power Bugs for M4 Cable Lugs		19.32mm	1
23006-332	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	39.64mm	1
23006-331	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs		19.32mm	1
23006-812	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	39.64mm	1
23006-813	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	60.05mm	1
23006-833	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	60.05mm	1
23006-303	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	60.05mm	1
23006-834	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	80.28mm	1
23006-354	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	80.28mm	1
23006-334	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	80.28mm	1
23006-814	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	80.28mm	1
23006-835	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	100.59mm	1
23006-355	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	100.59mm	1
23006-301	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	100.59mm	1
23006-815	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	100.59mm	1
23006-862	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	39.64mm	1
23006-336	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	121.01mm	1

CatalogNumber	Voltage I/O	ConnectorType	Power ConnectorType	Utility ConnectorType	Width	Package Quantity
23006-372	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	39.64mm	1
23006-816	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	121.01mm	1
23006-817	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	141.24mm	1
23006-358	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	161.56mm	1
23006-838	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	161.56mm	1
23006-337	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	141.24mm	1
23006-300	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	161.56mm	1
23006-818	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	161.56mm	1
23006-373	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	60.05mm	1
23006-863	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	60.05mm	1
23006-374	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	80.28mm	1
23006-864	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	80.28mm	1
23006-865	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	100.59mm	1
23006-375	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	100.59mm	1
23006-866	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	121.01mm	1
23006-377	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	141.24mm	1
23006-867	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	141.24mm	1
23006-353	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	60.05mm	1

CatalogNumber	Voltage I/O	ConnectorType	Power ConnectorType	Utility ConnectorType	Width	Package Quantity
23006-376	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	121.01mm	1
23006-378	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	161.56mm	1
23006-868	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	161.56mm	1

Table 3/3	
Catalog Number	Quick Ship
23006-811	No
23006-332	No
23006-331	No
23006-812	No
23006-813	No
23006-833	No
23006-303	No
23006-834	No
23006-354	No
23006-334	No
23006-814	No
23006-835	No
23006-355	No
23006-301	No

Catalog Number	Quick Ship
23006-815	No
23006-862	No
23006-336	No
23006-372	No
23006-816	No
23006-817	No
23006-358	No
23006-838	No
23006-337	No
23006-300	No
23006-818	No
23006-373	No
23006-863	No
23006-374	No
23006-864	No
23006-865	No
23006-375	No
23006-866	No

Catalog Number	Quick Ship
23006-377	No
23006-867	No
23006-353	No
23006-376	No
23006-378	No
23006-868	No

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

North America

All locations
+1.763.422.2661
Chat with us:
nvent.com/schroff

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Qingdao, China
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Singapore
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Shin-Yokohama, Japan
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nvent.com/schroff

Middle East & India

Dubai, United Arab Emirates
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