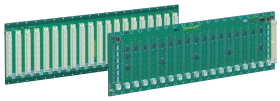
We connect and protect

VMEbus J1 Backplane



The nVent SCHROFF VMEbus Backplanes have outstanding high-frequency noise suppression and very high MTBF values due to ceramic capacitors and SMD fabrication technology.

CERTIFICATIONS

RoHS COMPLIANT

VITA Open Standards, Open Markets

FEATURES

- In accordance with ANSI/VITA 1-1994 VME64 standard
- 3 U with J1 plane
- Connection or isolation between the digital GND and chassis GND can be changed via screw
- Termination active/passive, switchable via jumpers; passive termination preset
- Electronic automatic daisy chain (EDC)
- Supply voltages provided via power bugs (ring tag M4) or FASTON

SPECIFICATIONS

Table 1/3

Catalog Number	Product Type	Number of Slots	Rack Height	Backplane Type	System Slot	Slot Width
23001-001	Backplane	1	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-002	Backplane	2	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP

CatalogNumber	Product Type	Number ofSlots	Rack Height	BackplaneType	System Slot	Slot Width
23001-003	Backplane	3	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-004	Backplane	4	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-005	Backplane	5	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-006	Backplane	6	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-007	Backplane	7	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-008	Backplane	8	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-010	Backplane	10	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-009	Backplane	9	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-012	Backplane	12	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-015	Backplane	15	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-017	Backplane	17	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-018	Backplane	18	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-020	Backplane	20	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-021	Backplane	21	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP

Table 2/3

Catalog Number	Connector Type	Power Connector Type	Utility Connector Type	Height	Width	Package Quantity
23001-001	DIN 41612, C96	Fastons 6.3 x 0.8 mm		128.5mm	20.2mm	1
23001-002	DIN 41612, C96	Fastons 6.3 x 0.8 mm	MicroMatch, 8-pin	128.5mm	39.1mm	1

CatalogNumber	ConnectorType	Power ConnectorType	Utility ConnectorType	Height	Width	Package Quantity
23001-003	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	59.7mm	1
23001-004	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	79.8mm	1
23001-005	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	100.2mm	1
23001-006	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	120.5mm	1
23001-007	DIN 41612, C96	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin, 5-pin Header	128.5mm	140.8mm	1
23001-008	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	161.1mm	1
23001-010	DIN 41612, C96	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin, 5-pin Header	128.5mm	199.2mm	1
23001-009	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	181.4mm	1
23001-012	DIN 41612, C96	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin, 5-pin Header	128.5mm	242.4mm	1
23001-015	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	303.4mm	1
23001-017	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	341.4mm	1
23001-018	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	364.3mm	1
23001-020	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	405mm	1
23001-021	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	425.3mm	1

Table 3/3

Catalog Number	Quick Ship

23001-001	No
23001-002	No
23001-003	No
23001-004	No
23001-005	No
23001-006	No
23001-007	No
23001-008	No
23001-010	No
23001-009	No
23001-012	No
23001-015	No
23001-017	No
23001-018	No
23001-020	No
23001-021	No

ADDITIONAL PRODUCT DETAILS

Other configurations available on request.

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.

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