

VME64x Backplane



The nVent SCHROFF VME64x Backplanes have outstanding high-frequency noise suppression and very high MTBF values due to ceramic capacitors and SMD fabrication technology.

CERTIFICATIONS



FEATURES

In accordance with ANSI/VITA 1-1994 VME64 Standard, ANSI/VITA 1.1-1997 VME64 Extension Standard, ANSI/VITA 1.5-2003 VME2eSST Specification, ANSI/VITA 1.7-2003 Increased Current Level, ANSI/VITA 38 System Management on VME

Monolithic backplane, 6 U with J1 and J2 plane

Connection or isolation between the digital GND and chassis GND can be changed via screw

Termination passive

Electronic automatic daisy chain (EDC)

Supply voltages can be applied via powerbugs (ring tag M4) or FASTON

Utility connector for status signals

Connector for additional voltages V1/V2

System management bus (SMB) connector in accordance with VITA38

SPECIFICATIONS

Table 1/2

| Catalog Number | Product Type | Number of Slots | Rack Height | Backplane Type | System Slot | Slot Width |
|----------------|--------------|-----------------|-------------|----------------|-------------|------------|
|----------------|--------------|-----------------|-------------|----------------|-------------|------------|

| | | | | | | |
|-----------|-----------|----|----|-----------------|-------------|-----|
| 23001-532 | Backplane | 2 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-504 | Backplane | 4 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-505 | Backplane | 5 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-506 | Backplane | 6 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-507 | Backplane | 7 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-508 | Backplane | 8 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-510 | Backplane | 10 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-511 | Backplane | 11 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-512 | Backplane | 12 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-503 | Backplane | 3 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-515 | Backplane | 15 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-516 | Backplane | 16 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-520 | Backplane | 20 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-521 | Backplane | 21 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-533 | Backplane | 3 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-534 | Backplane | 4 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-535 | Backplane | 5 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-536 | Backplane | 6 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-502 | Backplane | 2 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-537 | Backplane | 7 | 6U | VME64x with EDC | Slot 1 Left | 4HP |

Table 2/2

| Catalog Number | Product Type | Number of Slots | Rack Height | Backplane Type | System Slot | Slot Width |
|----------------|--------------|-----------------|-------------|-----------------|-------------|------------|
| 23001-538 | Backplane | 8 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-540 | Backplane | 10 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-541 | Backplane | 11 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-542 | Backplane | 12 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-545 | Backplane | 15 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-546 | Backplane | 16 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-550 | Backplane | 20 | 6U | VME64x with EDC | Slot 1 Left | 4HP |
| 23001-551 | Backplane | 21 | 6U | VME64x with EDC | Slot 1 Left | 4HP |

Table 1/2

| Catalog Number | Connector Type | Power Connector Type | Utility Connector Type | Width | Package Quantity |
|----------------|-------------------|------------------------------|------------------------|---------|------------------|
| 23001-532 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 39.1mm | 1 |
| 23001-504 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 79.8mm | 1 |
| 23001-505 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 100.2mm | 1 |
| 23001-506 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 120.5mm | 1 |
| 23001-507 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 140.8mm | 1 |
| 23001-508 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 161.1mm | 1 |
| 23001-510 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 201.8mm | 1 |
| 23001-511 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 222mm | 1 |
| 23001-512 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 242.4mm | 1 |
| 23001-503 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 59.5mm | 1 |

| Catalog Number | Connector Type | Power Connector Type | Utility Connector Type | Width | Package Quantity |
|----------------|-------------------|------------------------------|------------------------|---------|------------------|
| 23001-515 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 303.4mm | 1 |
| 23001-516 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 323.7mm | 1 |
| 23001-520 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 405mm | 1 |
| 23001-521 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 425.3mm | 1 |
| 23001-533 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 59.5mm | 1 |
| 23001-534 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 79.8mm | 1 |
| 23001-535 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 100.2mm | 1 |
| 23001-536 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 120.5mm | 1 |
| 23001-502 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 39.1mm | 1 |
| 23001-537 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 140.8mm | 1 |

Table 2/2

| Catalog Number | Connector Type | Power Connector Type | Utility Connector Type | Width | Package Quantity |
|----------------|-------------------|------------------------------|------------------------|---------|------------------|
| 23001-538 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 161.1mm | 1 |
| 23001-540 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 201.8mm | 1 |
| 23001-541 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 222mm | 1 |
| 23001-542 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 242.4mm | 1 |
| 23001-545 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 303.4mm | 1 |
| 23001-546 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 323.7mm | 1 |
| 23001-550 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 405mm | 1 |
| 23001-551 | DIN 41612, VME64x | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin | 425.3mm | 1 |

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.

North America

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

Europe

Straubenhardt, Germany
+49.7082.794.0
Betschdorf, France
+33.3.88.90.64.90
Warsaw, Poland
+48.22.209.98.35
Assago, Italy
+39.02.932.7141
Chat with us:
nvent.com/schroff

Asia

Shanghai, China
+86.21.2412.6943
Qingdao, China
+86.532.8771.6101
Singapore
+65.6768.5800
Shin-Yokohama, Japan
+81.45.476.0271
Chat with us:
nvent.com/schroff

Middle East & India

Dubai, United Arab
Emirates
+971.4.378.1700
Bangalore, India
+91.80.6715.2001
Istanbul, Turkey
+90.216.250.7374
Chat with us:
nvent.com/schroff



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE