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## VME64 / VME64x MONOLITHIC BACKPLANES VECTORBORD®

### KEY FEATURES :

- Backplane Specification : ANSI / VITA 1.1-1997
- Greater than 64MHz high speed design
- Shielded signal lines & Controlled Impedance
- Electronic Bus Grant & IACK Daisy chaining
- Screw Terminals (Power Bugs) for power input
- On board termination
- Surface mount / pressfit technology

### BOARD SPECIFICATIONS :

- PCB UL94V-0, RoHS Compliant
- 10-Layer FR-4 Construction
- PCB Copper areas plated with Immersion Gold

### MECHANICAL SPECIFICATIONS :

- 6U (10.317") HIGH
- PCB thickness 0.16"  
(Eliminates need for backplane stiffner)
- Available in 2, 3, 4, 5, 7, 8, 10, 12, 16, 20 or 21 Slot wide size
- Connector Pitch : 4HP (0.800")
- Board Width = 0.745" +  $[(N-1) \times 0.80"]$  inches

Where "N" = number of slots

Where 0.745" is sum of overhang @ either end of backplane



### BACKPLANE ORDERING INFORMATION :

#### **VME64x , 160 PIN J1/ J2, 2mm HARD METRIC P0**

MODEL NO.	DESCRIPTION
VME64E02P01	2-SLOT VME64x J1/J2/P0
VME64E03P01	3-SLOT VME64x J1/J2/P0
VME64E04P01	4-SLOT VME64x J1/J2/P0
VME64E05P01	5-SLOT VME64x J1/J2/P0
VME64E07P01	7-SLOT VME64x J1/J2/P0
VME64E08P01	8-SLOT VME64x J1/J2/P0
VME64E10P01	10-SLOT VME64x J1/J2/P0
VME64E12P01	12-SLOT VME64x J1/J2/P0
VME64E16P01	16-SLOT VME64x J1/J2/P0
VME64E20P01	20-SLOT VME64x J1/J2/P0
VME64E21P01	21-SLOT VME64x J1/J2/P0

#### **VME64, 96-PIN J1 / J2**

MODEL NO.	DESCRIPTION
VMEBPE02P01	2-SLOT VME64 J1/J2
VMEBPE03P01	3-SLOT VME64 J1/J2
VMEBPE04P01	4-SLOT VME64 J1/J2
VMEBPE05P01	5-SLOT VME64 J1/J2
VMEBPE07P01	7-SLOT VME64 J1/J2
VMEBPE08P01	8-SLOT VME64 J1/J2
VMEBPE10P01	10-SLOT VME64 J1/J2

VMEBPE12P01	12-SLOT VME64 J1/J2
VMEBPE16P01	16-SLOT VME64 J1/J2
VMEBPE20P01	20-SLOT VME64 J1/J2
VMEBPE21P01	21-SLOT VME64 J1/J2

[VME64 / VME64x Backplane Pin-Out Information](#)

MIL-1-46058-C Conformal Coating available on request  
Custom backplane design services available  
please contact [inquire@vectorelect.com](mailto:inquire@vectorelect.com)

View Bus Extender Accessories :

[VME Bus Extenders](#)

[VME64x Bus Extenders](#)

email us your requirements : [inquire@vectorelect.com](mailto:inquire@vectorelect.com)

11115 Vanowen St., North Hollywood, CA 91605, USA

Tel.: (818) 985 8208, (800) 423 5659; Fax : (818) 985 7708

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