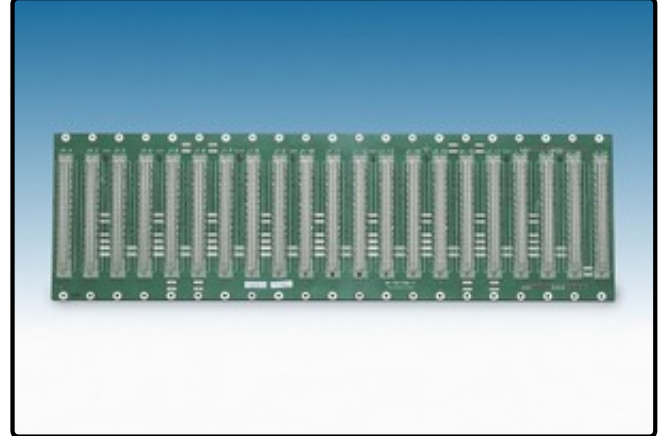
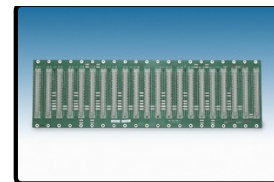


Backplane VME-J1

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Backplane VME-J1



The 3U WIENER VME-J1 backplane fully complies with ANSI/VITA 1-1994 and IEEE-1014-1987 specifications. It is designed as a 8-layer board in strip-line technology. WIENER J1 VME backplanes are available with 5, 7, 9, 10, 15 or 21 (full size) slots.

The backplane is actively terminated and provides automatic daisy chain either actively or mechanically (in connector, on request). The extended power layers and special current rails permit highest power distribution. The 21 slot monolithic J1 backplane has more than 150A current capability on 5V, which corresponds to 7.5A per slot (at 70°C). For power distribution and connection current rails are mounted on the back of the backplane.

Main features

- 3U WIENER VME-J1 backplane
- Available with 21, 10, 9, 7 or 5 slots
- Automatic daisy chain (mechanically or electronic)
- Excellent power distribution capability by current multi-layer structure
- 3U WIENER VME-J1 backplane, 10 layers
- 21, 10, 9, 7 or 5 slots
- Strip line technology suitable for maximum data rates of
- Optimized RF shielding

- Well dispersed filter-capacitors
- Minimized ground shift and cross talk
- Automatic daisy chain (mechanically or electronic)
- Flat cable style connector for sense and control
- Provision for up to 8 temperature sensors (module temp. checking)
- Sense circuit protection by PTC- resistors (Optionally)
- Excellent power distribution capability by current multi-layer structure
- maximum power capabilities (per Slot J1/J2)

Item	Bus	Size	Connectors	Slots	Termination	Daisy Chain
0BB0.0010V	VME	3U	J1	21	active	Electronic, CBLT

Other configuration on request!

VME / VME64 Backplanes

All WIENER J1, J2 or monolithic J1/J2 VME/VME64 buses are multi-layer backplanes (including power and ground shields) with active automatic daisy chain and active termination outfitted with 96pin DIN connectors as per IEEE-1014-1987 and feature:

- Strip line technology suitable for data rates of 320Mbyte/s (64bit)
- High power distribution by current multiplayer / bus bar system
- Excellent RF shielding
- Optimized filtering (electrolytic and ceramic filter-capacitors)
- Minimized ground shift and cross talk
- Automatic daisy chain
- flat cable connector for sense and control
- Provision for up to 8 temperature sensors (module temp. checking)
- Sense circuit protection by PTC- resistors (Optionally)

Power per slot	VME	VME	VME 64
(20 / 70°C)	J1	J2	J1+J2
5V	9,5A / 7,5A	9,5A / 7,5A	19A / 15A
+/-12V	3,2A / 2,5A		3,2A / 2,5A
Layers	8 or 10	4	8 or 10

Product Data Sheet

Backplane VME-J1:

[Print Product Data Sheet](#)

Documentation

Manual:

Introduction: [WIENER VME VXI VXS introduction](#)

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