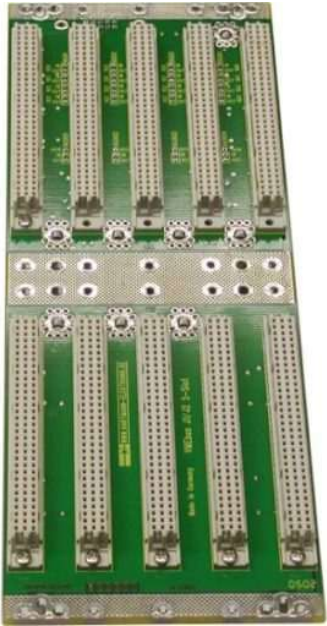


VME-VME64 6U 162 Series

Hartmann Electronic is an industry leader in the designing, manufacturing and production of backplane technology, including VME and VME64x. Over the evolution of its near 40 years of existence, VME-bus has become a worldwide standard and is still used in a wide variety of applications across many different markets. Hartmann's innovation in cost effective design benefits customers in diverse industries including military, transportation, medical imaging, telecom, industrial controls, and aerospace.

The 6U 162 Series boasts a variety of configurations to fit a complex array of needs. From 2 to 21 slots, optional active or passive termination and both VME and VME64x availability, there is an option for every need. Talk to a Hartmann representative today to see which configuration will work for you!

Additional Information	
Form Factor	6U J1, 6U J2
Slots	10, 12, 14, 16, 19, 2, 20, 21, 3, 4, 5, 6, 7, 8, 9
Slot Pitch	4HP (20.32 mm)
Power Consumption, Both Ends Terminated	Active: <0.2A, Passive: < 1.3A
Daisy Chaining/Bus Grant	Electronic automatic (OR gate), Manual (jumper or wire wrap, on request), Mechanical automatic (switching connector)
Power Supply Connection	Screw-type M4 / Faston 6.3 x .8 mm
Permissible Current Load/Terminal Bar	200A
Permissible Current Load of Combined Double Spade/ Screw Connection	25A
Permissible Current Load/Faston	10A
Permissible Current Load Per Slot	+5V 9.0A, +12V 1.5A, -12V 1.5A, +5VStandby 1.5A
Termination ON/IN Board	Active, Passive
PCB Design	Optimized for best HF behavior
Base Specification	ANSI/VITA 1.1-1997
Base Material	Type FR-4
Ohmic Resistance	< 1.5 Ohm
Surge Impedance Z of Signal Lines	55 Ohm
Chassis GND	Continuous chassis GND surface where backplane is mounted to rack., HF coupling of rack and system ground implemented by capacitors (10nF, 200V each slot). Chassis ground combination M6 screw / Faston 6.3 x .8 mm
Card Thickness	3.2 mm (.13")
Connectors	96 pin, 2 mm press-fit, quality grade 2
Operating Temperature	Active: 0°C ... +70°C, Passive: -40°C ... +85°C
Relative Humidity	90%, non-condensing



PART NO.	HEIGHT	DESCRIPTION	TERMINATION ON/IN BOARD	DAISY CHAINING/BUS GRANT	DATASHEET
B1624_ _P7D	6U	J1/J2	Passive	Mechanical automatic (switching connector)	NA
B1624_ _A7D	6U	J1/J2	Active	Mechanical automatic (switching connector)	NA
B1624_ _P7B	6U	J1/J2	Passive	Manual (jumper or wire wrap, on request)	NA
B1624_ _A7B	6U	J1/J2	Active	Manual (jumper or wire wrap, on request)	NA

_ _ = Number of slots

STUTTGART OFFICE

Motorstr. 43
D-70499 Stuttgart, Germany
P: +49 711 13 98 90
vertrieb.he@kontron.com

MAIN OFFICE

Linde 18
D-51399 Burscheid, Germany
P: +49 2174 6780
sales.we@kontron.com

Global customers please contact us via our website at
www.hartmann-electronic.com/contact-us

