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VTB 8204 Analogue Input Transition Board

Product Description

The VTB 8204 is a 6U (double height) VME rear I/O transition board, which provides connection to the 8002 Carrier Board. It optionally conditions and routes the signals from forty two Lemo sockets to the carrier board via the J0 and J2 connectors of the VME backplane. The board includes sites for fitting R-C low-pass filters. Optional on-board 5V to 12V DC-DC converters are connected to pins on the RP0/RP2 connectors to facilitate powering the plant side of isolated analogue circuits on IP boards which are mounted on the carrier board.

VTB 8204



Construction

The unit is constructed to the VME64x standard, with EMC rear panel, injector/ejector handles, guide pin and slot keying, static discharge protection, hot swap capability, 5-row RP0 and RP2 connectors.

Signal Path

A rear-mounted transition card with forty Lemo connectors accepts all I/O signals and provides direct or conditioned connection provided by pcb jumper settings. The signals connect to the main carrier board according to the VME64x Greenspring pinout for IP module carriers .

Lemo Connectors

Connector 1 -5 (lowest connectors)	Inputs 1-8(+/-), Trigger 1(+/-), Clock1(+/-)
6 - 10	Inputs 9-16(+/-),Trigger 2(+/-), Clock2(+/-)
Connector 11 - 15	Inputs 17-24(+/-),Trigger3(+/-),Clock3(+/-)
(top connectors) 16 - 20	Inputs 25-32(+/-),Trigger4(+/-),Clock4(+/-)

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