

VTX073

Single Slot 6U VPX Backplane

VTX073

Key Features

- 6U single slot VPX Backplane
- RTM connectors option (RJ0/RJ1/RJ2/etc.)
- Breakout for the JTAG, IPMB, NVMRO, SYSRST, REF_CLK, AUX_CLK, etc.
- Power Lugs for each of the rails per VITA 46 specification
- Available with VITA 66.X and/or VITA 67.X

Benefits

- Design utilizes proven VadaTech subcomponents and engineering techniques
- Electrical, mechanical, software, and system-level expertise in house
- Full system supply from industry leader
- AS9100 and ISO9001 certified company

OpenVPX™



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The VTX073 is a single slot backplane that breaks out the 6U VPX signals for bench top testing or installation in chassis for a single slot application. The single slot backplane utilized the high speed VPX connectors (25Gbaud).

All the ancillary signals such as JTAG, IPMB, NVMRO, Geographic Address etc. are broken out for ease of access.

Backplane is available in VITA 66.X and/or the VITA 67.X. Please contact VadaTech Sales for backplane ordering option.

Figure 1: VTX073

Specifications

Architecture	
Physical	Dimensions 6U single slot VPX backplane
Type	Backplane J0/J1/J2/etc. (option for VITA66.5 and VITA 67.2) as well as RJ0/RJ1/RJ2/etc.
Standards	
VPX	Type VITA46.x
VPX	Type VITA 65 OpenVPX
Configuration	
Power	Lugs for +VS1/+VS2V/+VS3 and Connector +3.3_AUX/+12V_AUX/-12V_AUX
I/O	Interface Connector Toggle switches for GA (Geographic Address); I2C break out for the IPMC; clocks; etc. JTAG
Other	
MTBF	MIL Hand book 217-F@ TBD hrs
Certifications	Designed to meet FCC, CE and UL certifications, where applicable
Standards	VadaTech is certified to both the ISO9001:2015 and AS9100D standards
Warranty	Two (2) years, see VadaTech Terms and Conditions

INTEGRATION SERVICES AND APPLICATION-READY PLATFORMS

VadaTech has a full ecosystem of VPX, ATCA and MTCA products including chassis platforms, shelf managers, AMC modules, Switch and Payload Boards, Rear Transition Modules (RTMs), Power Modules, and more. The company also offers integration services as well as pre-configured Application-Ready Platforms. Please contact VadaTech Sales for more information.

Ordering Options

VTX073 – ABC-DEF-G0J

A = Front Connectors 0 = J1/J2 NOT installed 1 = J1/J2 installed 2 = J1 installed 3 = Reserved 4 = Reserved	D = J3/RJ3 Connector 0 = J3/RJ3 NOT installed 1 = J3/RJ3 installed 2 = Reserved 3 = Reserved 4 = Reserved	G = J6/RJ6 Connector 0 = J6/RJ6 NOT installed 1 = J6/RJ6 installed 2 = Reserved 3 = Reserved 4 = Reserved
B = Rear Connectors 0 = RJ1/RJ2 NOT installed 1 = RJ1/RJ2 installed 2 = RJ1 installed 3 = Reserved 4 = Reserved	E = J4/RJ4 Connector 0 = J4/RJ4 NOT installed 1 = J4/RJ4 installed 2 = Reserved 3 = Reserved 4 = Reserved	
C = VPX Connector Type 0 = 50u Gold Rugged High speed (25Gbaud)	F = J5/RJ5 Connector 0 = J5/RJ5 NOT installed 1 = J5/RJ5 installed 2 = Reserved 3 = Reserved 4 = Reserved	J = Conformal Coating 0 = No coating 1 = Humiseal 1A33 Polyurethane 2 = Humiseal 1B31 Acrylic

Contact

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