

VRT997A

Rear Transition Break-Out I/O for 6U VPX Modules

VRT997A



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Key Features

- 6U VPX RTM Module for breakout of I/O

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™



VRT997A

The VRT997A is break-out panel for a 6U VPX Rear Transition Module (RTM). The module has a DSUB-9, DSUB-15 and dual high-density connector for breakout of the I/O. In the rear the I/O is routed to RP3, RP4 and RP6 of the VPX connectors.

Figure 1: VRT997A

Block Diagram

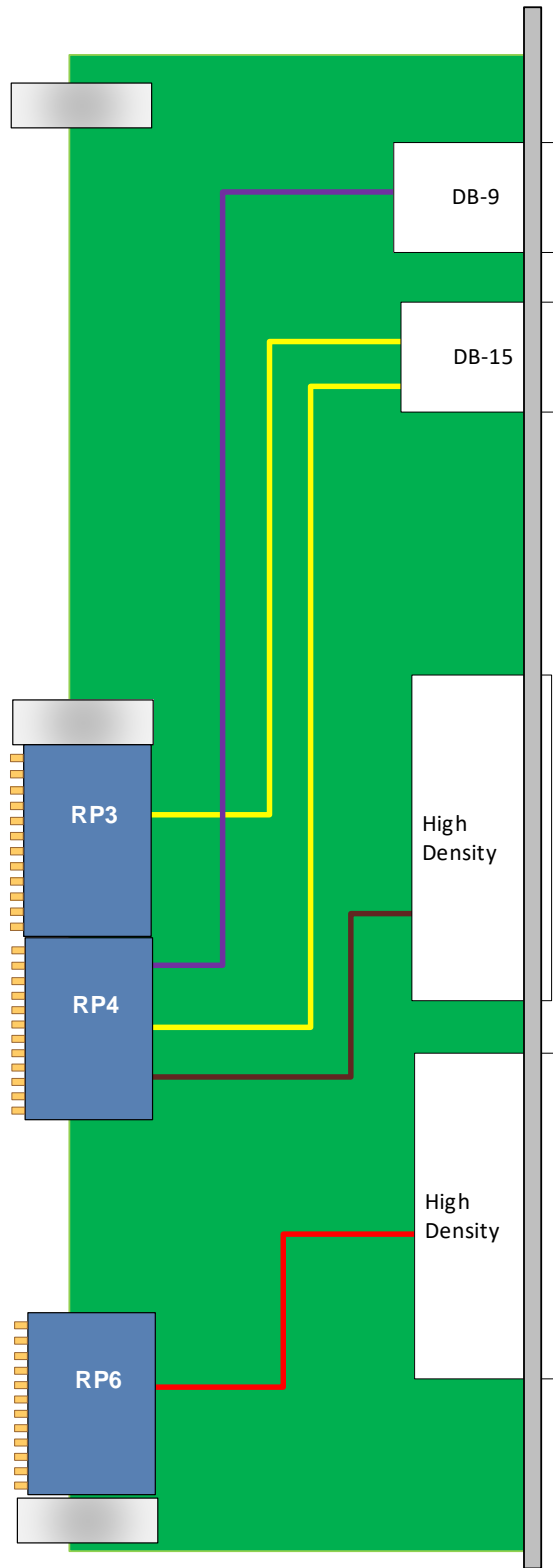


Figure 2: VRT997A Functional Block Diagram

Specifications

Architecture		
Physical	Dimensions	6U VPX
Type	Breakout Panel	I/O
Standards		
VPX	Type	VITA46.x
VPX	Type	VITA 65 OpenVPX
VPX	Panel Profile	See Ordering Options
Configuration		
Power		N/A
Rear Panel	Interface Connector	High Density connector for LVDS I/O DSUB-9 and DSUB-15
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 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

VRT997A – 000-000-GHJ

		G = Slot Profile 0 = 5 HP 1 = Reserved
		H = Environmental See Environmental Specification
		J = Conformal Coating 0 = No coating 1 = Humiseal 1A33 Polyurethane 2 = Humiseal 1B31 Acrylic

Environmental Specification

Option H	Air Cooled			Conduction Cooled	
	H = 0	H = 1	H = 2	H = 3	H = 4
Operating Temperature	AC1* (0°C to +55°C)	AC3* (-40°C to +70°C)	CC1* (0°C to +55°C)	CC3* (-40°C to +70°C)	CC4* (-40°C to +85°C)
Storage Temperature	C1* (-40°C to +85°C)	C3* (-50°C to +100°C)	C1* (-40°C to +85°C)	C3* (-50°C to +100°C)	C3* (-50°C to +100°C)
Operating Vibration	V2* (0.04 g2/Hz max)	V2* (0.04 g2/Hz max)	V3* (0.1 g2/Hz max)	V3* (0.1 g2/Hz max)	V3 (0.1 g2/Hz max)
Storage Vibration	OS1* (20g)	OS1* (20g)	OS2* (40g)	OS2* (40g)	OS2* (40g)
Humidity	95% non-condensing	95% non-condensing	95% non-condensing	95% non-condensing	95% non-condensing

Notes:

*Nomenclature per ANSI/VITA 47. Contact local sales office for conduction cooled (H = 2, 3, 4)

Contact

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