VT985

19" Rackmount IBERT Testing Module

VT985

Key Features

- 19" Rackmount IBERT testing module
- High Density Connector for TTL, MIL-STD-751, RS-422, RS-485, STANAG-3909 and STANAG-4193 I/O
- SMA connectors for audio outputs
- +12V, +20V and +48V power inputs
- Power failure LEDs

Benefits

- Compact size
- 19" rackmount design for test and development
- Electrical, mechanical, software, and system-level expertise in house
- Full system supply from industry leader
- AS9100 and ISO9001 certified company

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The VT985 is a 19" rackmount IBERT testing module for BIT analysis of OpenVPX modules. The module is 19" x 4" compact design.

The module supports TTL inputs, MIL-STD-751 inputs, STANAG-3909 inputs, STANAG-4193 inputs, RS-422 Input/output, RS-485 input/output and audio output channels through a high-density connector on the front. There are four additional SMA connectors to support audio channels.

There is an on-board SATA loop back connector on the PCB.

The module can be supplied with +12V, +20V and +48V power supplies.
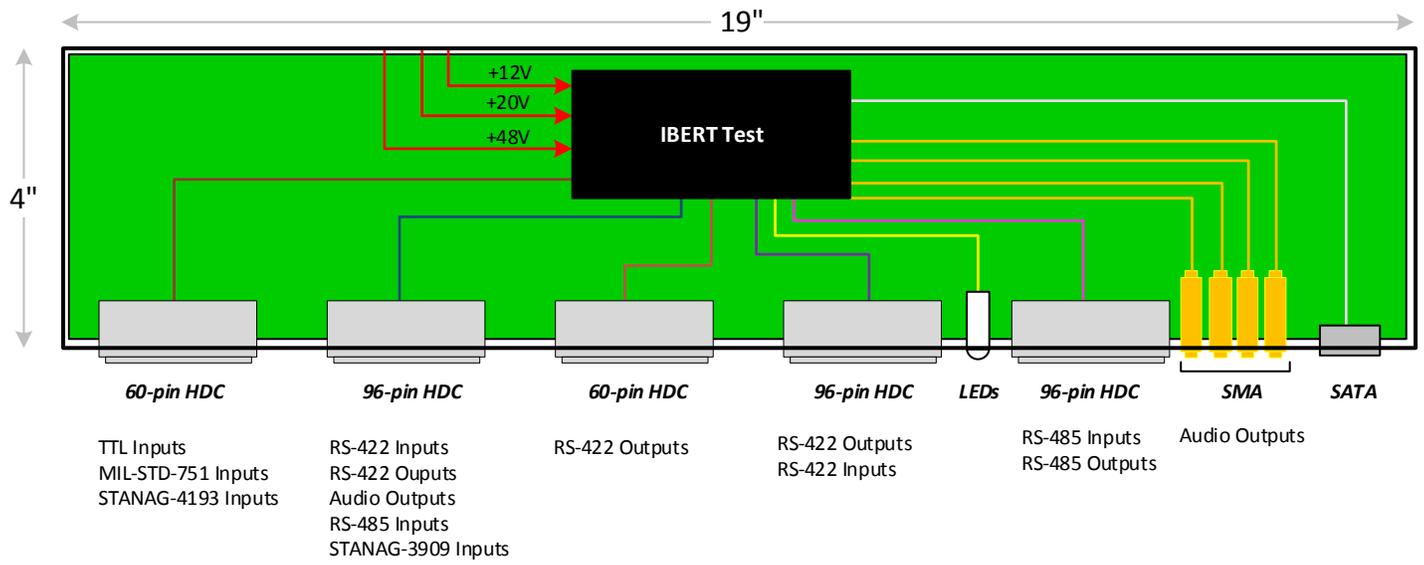

Figure 1: VT985

Block Diagram

Figure 2: VT985 Functional Block Diagram

Figure 3: VT985 Front View

Figure 4: VT985 Rear View

Specifications

Architecture		
Physical	**Dimensions**	Width: 19"
		Depth: 4"
Type	**Rackmount**	IBERT Testing Module
Standards		
VPX	**Type**	OpenVPX
Configuration		
Power	**VT985**	Application dependent
Environmental	**Temperature**	Operating temperature: -5° to 55°C
		Storage Temperature: –40° to +85°C
	Vibration	Operating 9.8 m/s^2 (1G), 5 to 500 Hz on each axis
	Shock	Operating 30G on each axis
	Relative Humidity	5 to 95% non-condensing
Front Panel	**Interface Connectors**	2 x 60-pin high density connectors
		3 x 96-pin high density connectors
		4 x SMA connectors
	Switches	Power toggle and 2x push button
	LEDs	Power failure status
	Mechanical	Power switch
Software Support	**Operating System**	Agnostic
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 ISO9001:2000 and AS9100B:2004 standards
Warranty		One (1) year, see VadaTech Terms and Conditions

INTEGRATION SERVICES AND APPLICATION-READY PLATFORMS

VadaTech has a full ecosystem of OpenVPX, 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

VT985 – A00-000-000

A = Maximum RS-422 Speed		
0 = 20 Mbps***** 1 = 50 Mbps		

Notes: *****Min order quantity required.

Contact

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