

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
- +12, +20 and +48 V 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



vadatech
THE POWER OF VISION



VT985

The VT985 is a 19" rackmount testing module for IBERT testing the 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 +12 V, +20 V and +48 V power supplies.



Block Diagram

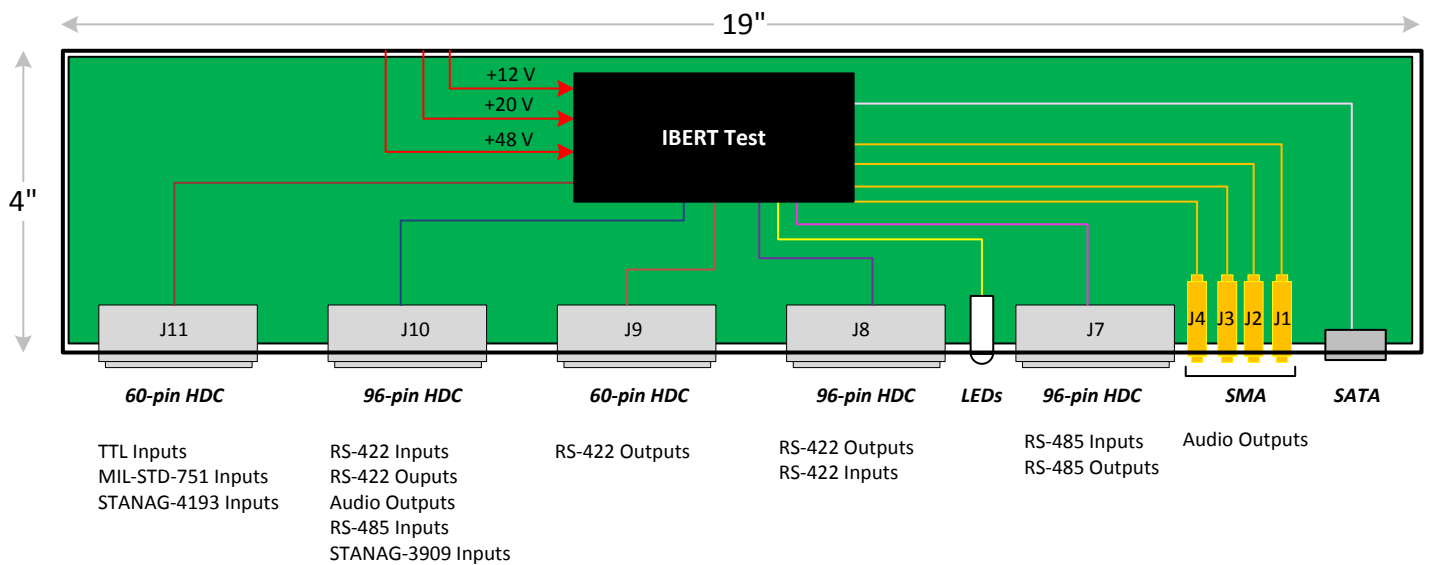


Figure 1: Functional Block Diagram

Specifications

Architecture		
Physical	Dimensions	Rackmount test module
		Width: 19"
		Depth 4"
Type	Testing Module	IBERT Testing Module
Standards		
OpenVPX	Type	
Configuration		
Power	VT985	Application dependent
Environmental	Temperature	Operating temperature: -5° to 45° C (55°C for limited time, performance restrictions may apply), industrial and extended versions also available (See environmental spec sheet)
		Storage Temperature: -40° to +85°C
	Vibration	Operating 9.8 m/s ² (1G), 5 to 500Hz on each axis
	Shock	Operating 30G on each axis
	Relative Humidity	5 to 95 per cent, non-condensing
Front Panel	Interface Connectors	2x 60-pin high density connectors 3x 96-pin high density connectors 4x SMA connectors
	Switches	Power toggle and two 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	Two (2) years	

INTEGRATION SERVICES AND APPLICATION-READY PLATFORMS

VadaTech has a full ecosystem of ATCA and μ TCA products including chassis platforms, shelf managers, AMC modules, Switch and Payload Boards, Rear Transition Modules (RTM), 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 – 000-000-000

* There are no optional items to configure



Contact

VadaTech Corporate Office

198 N. Gibson Road, Henderson, NV 89014
Phone: +1 702 896-3337 | Fax: +1 702 896-0332

Asia Pacific Sales Office

7 Floor, No. 2, Wenhua Street, Neihu District, Taipei 114, Taiwan
Phone: +886-2-2627-7655 | Fax: +886-2-2627-7792

VadaTech European Sales Office

VadaTech House, Bulls Copse Road, Southampton, SO40 9LR
Phone: +44 2380 016403

info@vadatech.com | www.vadatech.com

Choose VadaTech

We are technology leaders

- First-to-market silicon
- Constant innovation
- Open systems expertise

We commit to our customers

- Partnerships power innovation
- Collaborative approach
- Mutual success

We deliver complexity

- Complete signal chain
- System management
- Configurable solutions

We manufacture in-house

- Agile production
- Accelerated deployment
- AS9100 accredited



vadatech
THE POWER OF VISION

Trademarks and Disclaimer

The VadaTech logo is a registered trademark of VadaTech, Inc. Other registered trademarks are the property of their respective owners. AdvancedTCA™ and the AdvancedMC™ logo are trademarks of the PCI Industrial Computers Manufacturers Group. All rights reserved. Specification subject to change without notice.

© 2017 VadaTech Incorporated, All rights reserved.
DOC NO. 4FM737-12 REV 01 | VERSION 1.1 – MAR/188