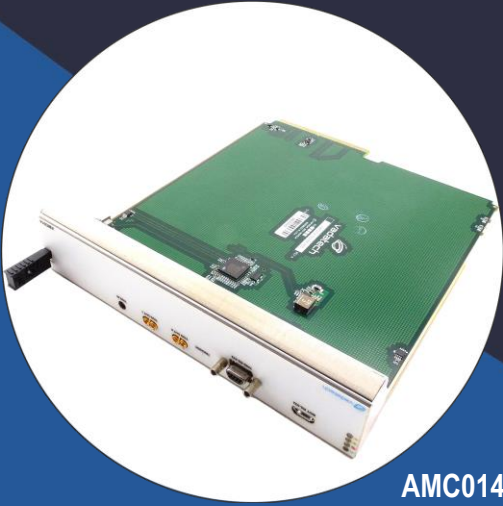


AMC014

Dual Channel Impedance Matched Trigger Module



AMC014

Key Features

- Dual channel impedance matched trigger module
- Trigger input option:
 - Via RS-232 command
 - Input thru SMPM style connector
- Configuration via RS-232

Benefits

- Full system supply from industry leader
- AS9100 and ISO9001 certified company



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AdvancedMC™



AMC014

The AMC014 is designed to providing frequency matched triggering signals as dual LVDS output. The AMC014 trigger response can be configured via the front panel RS232 interface or a trig input.

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.



Figure 1: AMC014



Figure 2: AMC014 Front Panel View

Block Diagram

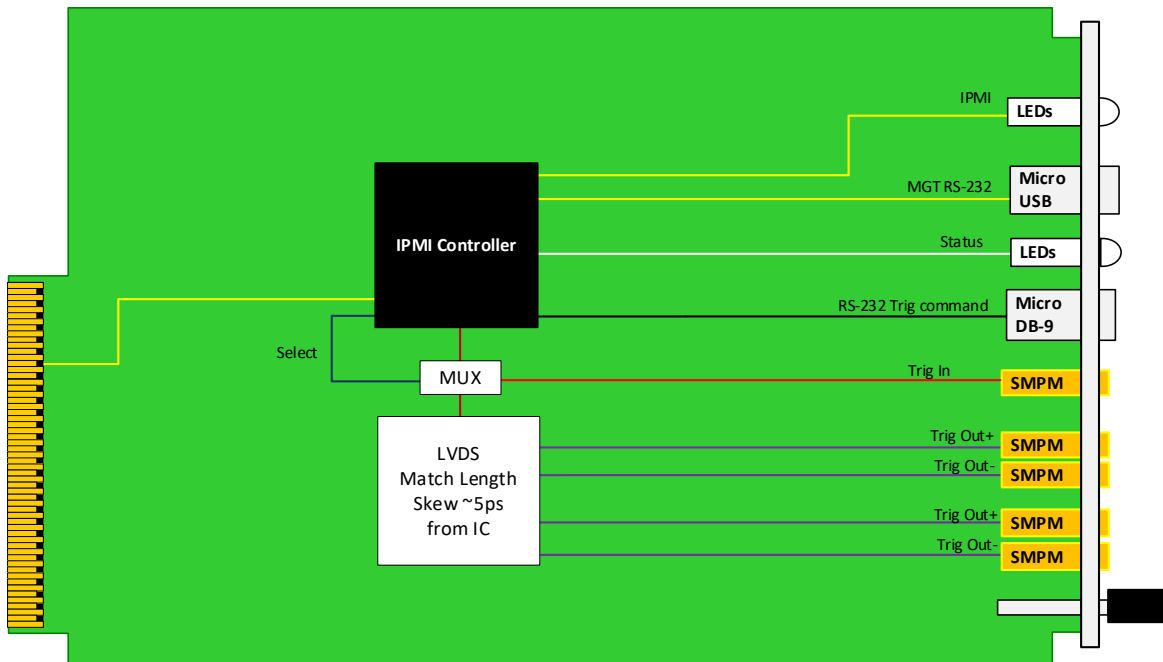


Figure 2: AMC014 Functional Block Diagram

Specifications

Architecture	
Physical	Dimensions Double module, full-size option Width: 5.85" (148.5 mm) Depth 7.11" (180.6 mm)
Standards	
AMC	Type AMC.0
Module Management	IPMI IPMI v2.0
Configuration	
Power	AMC014 ~0.3W
Environmental	Temperature See Ordering Options and 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 30Gs on each axis
	Relative Humidity 5 to 95% non-condensing
Front Panel	Interface Connectors SMPM: Trig Out Micro USB for MGT RS-232 and Trigger Controller RS-232
	LEDs IPMI management control LEDs 3 Activity/status LEDs
	Mechanical Hot-swap ejector handle
Software Support	Operating System Independent
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, see VadaTech Terms and Conditions

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Ordering Options

AMC014 – 00C-000-00J

A = Dual Impedance matched SMPM cables		
0 = Included (12", four cables) 1 = Excluded		
C = Front Panel		
1 = Reserved 2 = Mid-size 3 = Full-size 4 = Reserved 5 = Miz-size, MTCA.1 (captive screw) 6 = Full-size, MTCA.1 (captive screw)		J = Temperature Range and Coating 0 = Commercial (-5° to +55°C), No coating 1 = Commercial (-5° to +55°C), Humiseal 1A33 Polyurethane 2 = Commercial (-5° to +55°C), Humiseal 1B31 Acrylic 3 = Industrial (-20° to +70°C), No coating 4 = Industrial (-20° to +70°C), Humiseal 1A33 Polyurethane 5 = Industrial (-20° to +70°C), Humiseal 1B31 Acrylic

Contact

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