ATCA Rear Transition Module

ART801

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KEY FEATURES

- Rear Transition Module for ATC800 switch
- I^2C bus expander
- RoHS compliant

The ART801 is a Rear Transition Module (RTM) that brings expandability to the VadaTech ATC800 GbE switch. The RTM has a Micro-DB15 which routes the I^2C busses to the rear for Shelf Management of the chassis devices.

This is a low cost solution vs. the ART800 which provides 18 GbE ports in addition to the I^2C busses.

VadaTech can modify this product to meet special customer requirements without NRE (minimum order placement is required).

AdvancedTCA®

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SPECIFICATIONS

Architecture		
Physical	**Dimensions**	Width: 12.687in. (322.25 mm)
		Depth: 3.701 in. (94.00 mm)
Type	**Rear Transition**	I2C bus interface
Configuration		
Power	**ART801**	0.2W
Rear Panel	**I/O**	Micro-DB15 for multiple I^2C busses
Environmental	**Temperature**	Operating Temperature: 0° to 65° C
		Storage Temperature: -40° to +90° C
	Vibration	1G, 5-500Hz each axis
	Shock	30Gs each axis
	Relative Humidity	5 to 95 percent, non-condensing
Other		
MTBF	MIL Spec 217-F > 700,000 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	
Compliance	RoHS and NEBS	
Warranty	Two (2) years	
Trademarks and Logos	The VadaTech logo is a registered trademark of VadaTech, Inc. AdvancedMC™ and the AdvancedTCA™ logo are trademarks of the PCI Industrial Computers Manufacturers Group. All rights reserved. Specification subject to change without notice.	

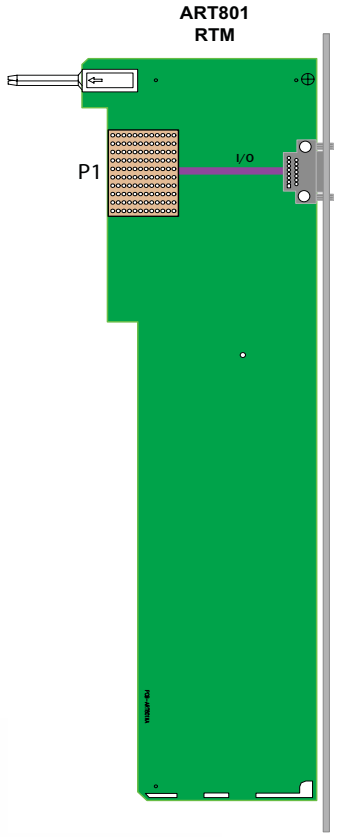

FIGURE 1. ART801 Functional Block Diagram

ORDERING OPTIONS

ART801 - 000 - 000 - 00J

J = Conformal Coating

0 = None
1 = Humiseal 1A33 Polyurethane
2 = Humiseal 1B31 Acrylic

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