

ERTM-100

General Description:

The ERTM 100 is a property rear transition module 8U, 1,2" for fiber connections via rear side of systems through backplane to EATCA-100 blades. This RTM is also compatible to EATCA-101.

Picture:



Description

Architecture		
Physical	Dimensions	8U ATCA Rear Transition Module 80mm depth
Standards	Advanced TCA Specification	Zone 3 RTM
Connectivity		
Inputs/outputs	Frontpanel	<ul style="list-style-type: none"> ➤ 14 x SFP+ ➤ 2x SMC Uplink ➤ 2X Ethernet
	Zone 3	<ul style="list-style-type: none"> ➤ 10 x ADC channels, sampling frequency up to 125MHz, 16-bit ➤ 2 x DAC output, sampling frequency up to 125MHz, 16-bit ➤ 3 x clock inputs for ADC, DAC and FPGA ➤ 1 x MGT interface
Clock Signals	TCLK A; TCLK B; FCLK, Port 17-20 TX/RX, ZONE3	
Software support		firmware upgrade through PCIe or Ethernet
Others		
Environmental	Temperature Range	Operation: -40°C to +85°C Storage: -40°C to +90°C
	Humidity	5-90%, non-condensing
	Dimensions	8U, 1,2", Weight : 0,4 Kg
Ordering Information		ERTM-100

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Developed by:
eicSys Hamburg

Specification is subject to change without further notice

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