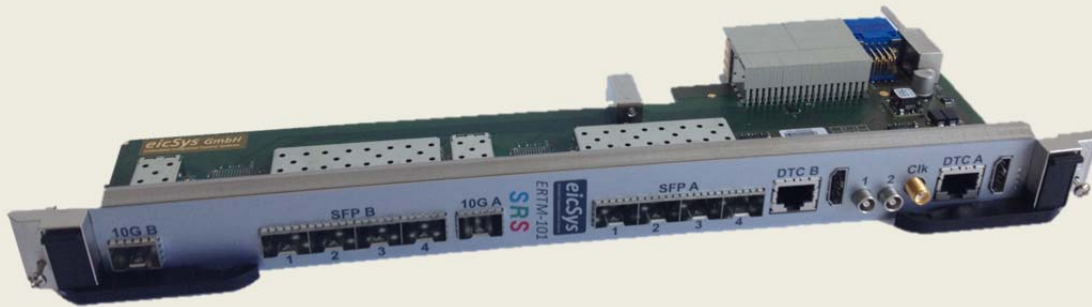


ERTM-101

General Description:

The ERTM 101 is a property rear transition module 8U, 1,2" for up to 10 GB fiber connections via rear side of systems through backplane from EATCA-101 blades.

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"> ➤ 8 x SFP+ ➤ 2x SMC Uplink ➤ 2x 10GB fibre uplink ➤ 2x Ethernet ➤ 1x Clk
	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-101	

Datasheet – 10.10.2015, Rev. 1.0

Developed by:
eicSys Hamburg

Specification is subject to change without further notice
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