

XRM-10G-QSFP

Datasheet Revision: 1.0

28th June 2012



Summa

The XRM-10G-QSFP is a front panel adapter card designed for use with Alpha Data's ADM-XRC-5, ADM-XRC-6, and ADM-XRC-7 FPGA based PMC/XMC cards.

The XRM-10G-QSFP will convert two 4 lane XAUI 10 Gigabit lanes into optical signals compliant with 10GBase-SR Ethernet. Provides dual 10GBase-SR Ethernet links connected to target FPGA via XAUI interfaces. The module also provides 10GBase-CR with direct attach Copper cabling.

Applications:

High Speed Network Communications

Front Connector I/O:

Dual 10GBase-SR or 10GBase-CR Ethernet Interfaces. Rear Connector I/O:

The XRM provides a 156.25MHz LVPECL clock to the carrier PMC/XMC. 2x XAUI interfaces I2C Interface MDIO Interface

Dual 1068ase-SR IX Ethernet PHY M00 IS6.25MHz OSC



XRM-10G-QSFP



Specification					
Product Name XRM-10G-QSFP					
Front I/O Dual 10GBase-SR or 10GBase-CR Ethernet Interfaces.					
XRM2 The XRM-10G-QSFP is also available for XRM2 based FPGA products.					
Rear I/O	The XRM provides a 156.25MHz LVPECL clock to the carrier PMC/XMC. 2x XAUI interfaces IZC Interface MDIO Interface				
Software	Example UCF and example design Application Note are provided with the board.				
Environmental	Temperature: Operating Temperature 0" to +55°C EMC: FCC 47CFR Part 2 EN55022 Equipment Class B				

XRM(xver)-10G-QSFP				
	XRM Version	xver	blank=Original XRM (FPGA products up to Virtex-5), 2=XRM Version 2 (FPGA products Virtex-6 and later)	

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