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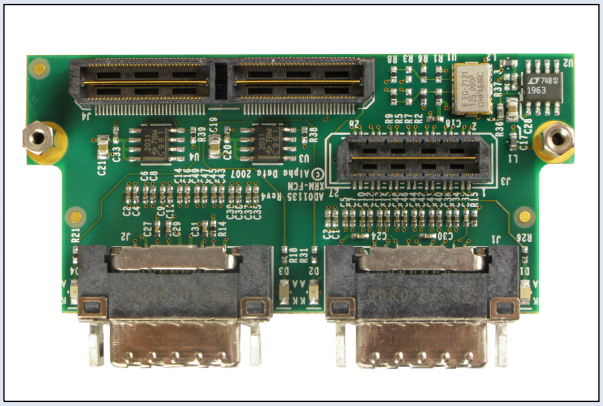
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Find the *Alpha Data ADM-XP / ADM-XRC-II Pro* at our website: *Click HERE*

XRM-FCN

2nd April 2009 **Datasheet Revision: 1.0**



Summary

The **XRM-FCN** is an I/O Module which proveds eight full-duplex high-speed serial communication channels.The XRM provides the cost-effective solution to applications requiring high-speed data communications such as Infiniband TA, 10G Ethernet, 4x Fibre Channel. It allows easy connection of these cards to devices with compatible connectors and signaling standards by means of a simple, point-to-point connection schemes implemented using off-the-shelf cable assemblies. Both copper and optical('CX4') versions of the FCN connector are supported, with full control and fault signaling for each of the optical power connections.
A separate low-jitter oscillator is provided to support high-bit rate applications where the internal clock is unsuitable.

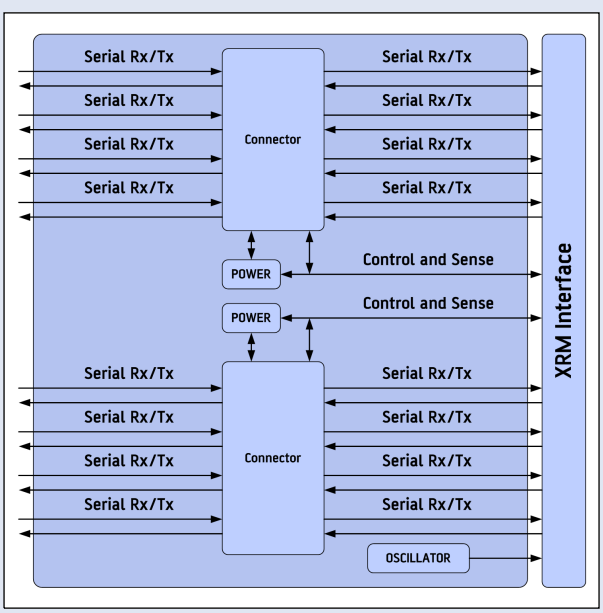
Features

Applications:

Dual Infiniband 4x (4 lanes at 2.5Gb/s over copper or optical fibre)
Dual 10Gb/s Ethernet CX4 (4 lanes at 3.125Gb/s over copper or optical fibre)
Dual 10Gb/s Fibre Channel (4 lanes at 3.1875Gb/s over copper or optical fibre)
Dual 4x OC-48 SONET

Front Connector I/O:

Octal High Speed Serial links via FCN connectors



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Specification	
Product Name	XRM-FCN
Front I/O	**High Speed Serial Link:** - Octal High Speed Serial links via FCN connectors connector=Dual FCN connectorsUsing a variety of plug in connectors allow for different copper/optical standards to be implemented.
Software	Example UCF, HDL files and Application software are provided with the board.
Environmental	**Temperature:** Operating Temperature 0° to +55°C **EMC:** FCC 47CFR Part 2 EN55022 Equipment Class B

Ordering Codes		
XRM(xver)-FCN(f)		
XRM Version	xver	blank=Original XRM (FPGA products up to Virtex-5), 2=XRM Version 2 (FPGA products Virtex-6 and later)
Oscillator	f	blank=none fitted,/USER=User Defined

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