

Summary

The XRM2-COAXPRESS is an I/O Module which provides Coaxpress capability for Alpha Data FPGA cards. It provides the user with the ability to implement computationally-intensive applications such as frame grabbers, digital video communications and image processing systems in the FPGA when using a compatible camera. Provided in two configurations: an 8 Channel Receiver or as a 6 channel receiver/2 channel transmitter

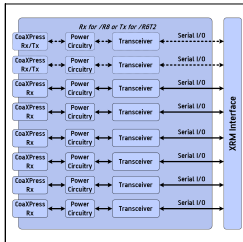
Features

Applications

- Video Frame Grabber
- Image Processing
- Video Communications

Front I/O:

- Coaxpress Receive channels - /R8 = 8 Channels, /R6T2 = 6 Channels
- Coaxpress Transmit channels - /R6T2 = 2 Channels, /R8 = 0 Channels
- PoCXP power in (+24V)



Specification

Product Name	XRM2-COAXPRESS
Front I/O	: 8/6 Channel Coaxpress Rx: Connector = DIN1.0/2.3 : 0/2 Channel Coaxpress Tx: Connector = DIN1.0/2.3 : Single Channel Power: Connector = PCB Header
Software	Example UCF, HDL files and Application software are provided with the board.
Environmental	Temperature: Air cooled industrial option (AC1): Operating Temperature -40° to +70°C EMC: FCC 47CFR Part 2 EN55022 Equipment Class B RoHS Compliance: All standard products are RoHS compliant. Please contact Alpha Data Sales for details of Tin/Lead build options.

Ordering Code
XRM2-COAXPRESS(IO)(t)

IO MODE	IO	/R8 = Eight CoaXPress Receive Channels, /R6T2 = Six CoaXPress Receive Channels and 2 CoaXPress Transmit Channels
DAC Interface	t	blank = DACs not fitted, /C1 = DACs are fitted (only for /R6T2 option)

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