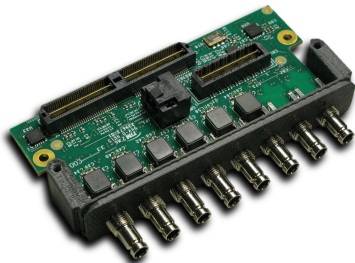


AD01315/AD01328



## Applications

- Multiple CoaXpress Interfaces
- Video Frame Grabber
- Image Processing
- Video Communications

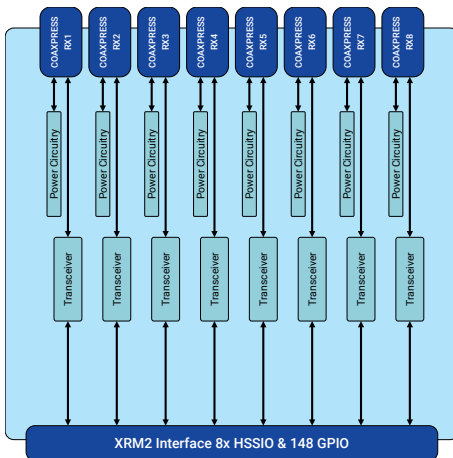
## Board Features

- CoaXpress Interface Circuitry
- Power over CoaXpress circuitry

## Summary

The **XRM2-COAXPRESS** is an XRM2 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.



## Deliverables

XRM2-COAXPRESS Board  
One Year Warranty  
One Year Technical Support

## Board Format

Alpha Data XRM2 I/O Module

## Input/Output Interfaces

### CoaXpress Inputs

Coaxpress Receive channels - /R8 = 8 Channels

### CoaXpress Outputs

Coaxpress Transmit channels - /R8 = 0 Channels

### Power Input

PoCXP power in (+24V)

## Environmental Specification

Cooling Option	Operating Temperatures		Storage Temperatures	
	Min	Max	Min	Max
AC1	-40°C	+70°C	-55°C	+100°C

## Operating Humidity

Up to 95% (non-condensing)

## EMC Standards

FCC 47CFR Part 2  
EN55022:2010 Equipment ClassB

## Ordering Information

**Order Code: XRM2-COAXPRESS(IO)(t)**

Option	Code	Description of Options
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)