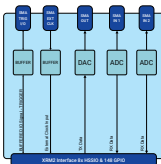
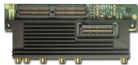


AD01379



Applications

- RF/IF Signal Sampling/Generation
- High Speed Analog Data Capture.
- High Speed Analog Signal Generation

Summary

The XRM2-DA5 is an I/O Module which provides dual channel ADC and single channel DAC interfaces.

The XRM2-DA5 is designed for use with Alpha Data's XRM2 compliant carrier cards. It provides the user with dual high speed Analog to Digital Converters at 14bits/3GHz and a single high speed Digital to Analog converter at 16bits/1GHz along with an external clock input and clock output and a number of bidirectional trigger/synchronisation signals.

Deliverables

XRM2-DA5 Board
One Year Warranty
One Year Technical Support

Input/Output Interfaces

ADC

Dual Analog to Digital Converters

Resolution: 14-bit
Max Sample Freq: 3 GHz
Bandwidth: 2 MHz to 3200 MHz
Impedance: 50 Ohm
Connector: MMCX

DAC

Single Digital to Analog Converter

Resolution: 16-bit
Max Sample Freq: 1GHz
Bandwidth: 4.5 MHz to 500 MHz
Impedance: 50 Ohm
Connector: MMCX

External clock input

External clock input

Trigger/I/O

Bidirectional Trigger Signal

Internal Clock

Internal Clock

Support

No specific software required

Board Format

Alpha Data XRM2 I/O Module	ERROR	ERROR	ERROR	ERROR
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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-DA5**