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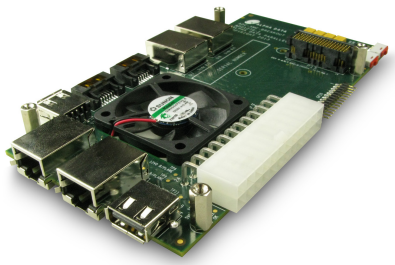
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ADC-XMC-BREAKOUT

Datasheet Revision: 2.0
1st November 2020

AD01276



Prime Application

Adapter for XMC FPGA Boards providing standard IO Connectors.

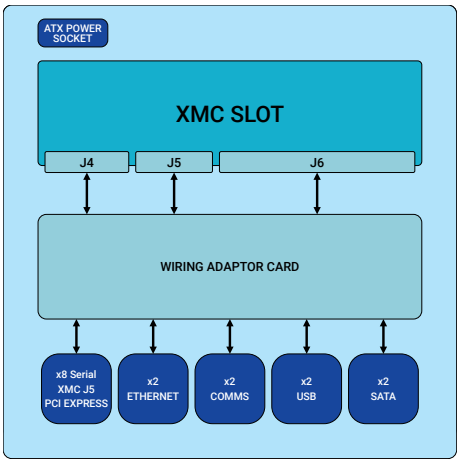
Board Features

- PCIe Power connector
- Fan cooling for the XMC
- Onboard Current Sense Resistors for power consumption analysis

Summary

The **ADC-XMC-BREAKOUT** is a standalone breakout adaptor for Alpha Data XMCs. A personality wiring card matches the XMC pinout to route through to the breakout interfaces.

Note: that the ADM-XMC-BREAKOUT is a passive breakout adaptor. Interface support is dependent on the XMC Type fitted to the adaptor. Please check the datasheet for the XMC for details of the interfaces available.



Deliverables

ADC-XMC-BREAKOUT Board
One Year Warranty
One Year Technical Support

Board Format

Development Platform

Input/Output Interfaces

Ethernet
1000BASE-T Ethernet

Comms
Serial COM
USB

External Storage
SATA Interfaces

Discrete Digital
General Purpose I/O

High-speed Comms
PCIE or HSSIO Links

Environmental Specification

Cooling Option	Operating Temperatures		Storage Temperatures	
	Min	Max	Min	Max
AC0	0°C	+55°C	-40°C	+85°C

Operating Humidity

Up to 95% (non-condensing)

EMC Standards

FCC 47CFR Part 2
EN55022:2010 Equipment ClassB

Ordering Information

Order Code: ADC-XMC-BREAKOUT/x(t)

Option	Code	Description of Options
XMC Personality Card	x	7Z1 = ADM-XRC-7Z1, 7Z2 = ADM-XRC-7Z2, 7Z4 = ADM-XRC-7Z4, 7V1 = ADM-XRC-7V1, 7K1 = ADM-XRC-7K1
XMC Connector Type	t	blank = XMC (VITA 42) Connectors , /X2 = XMC2 (VITA 61) Connectors

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