

# AD01256

SATA (

x1



#### **Prime Application**

XMC adapter for PCI-Express workstations

# Summary

PC plug-in (half length) card to allow one XMC boards to be used in the PC.

The ADC-PCIE-XMC is a half length PCI Express card designed to carry a single XMC. It can support the use of x1, x2,x4 and x8 PCIe Gen2 signalling environments in x8 or x16 PCIe slots. The XMC site on the card supports up to on x8 PCIe or two x4 PCIe links. VPWR provided to the XMC site is set to 12V.

# **Deliverables**

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

#### Host Interface

The host interface supports PCIE Gen 1, 2. Please contact Alpha Data for further details.

ADC-PCIE-XMC

• XMC Carrier card for PCI Express based

Breakout of mezzanine board I/O Separate PCIe Power connector

Datasheet Revision: 2.0 1st November 2020

#### **Board Format**

Half length PCI Express Card

**Board Features** 

systems

# **Input/Output Interfaces**

#### High-speed serial I/O

High-speed serial communications from P6 SATA interfaces from P6

# Discrete I/O

GPIO from P6 64 Single ended or 32 differential pair GPIO from P4

## **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-PCIE-XMC(t)

Option	Code	Description of Options	
XMC Connector Type	t	blank = XMC (VITA 42) Connectors , /X2 = XMC2 (VITA 61) Connectors	



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XMC SLOT SATA 1 x1 SATA 2 x1 SATA 3 x19 S JTAG 19.5 x6 P6 P5 P4 64 Single or 32 Diff Pairs x4 DIP PCIE x4 PCIE x4 PCI EXPRESS x16 Edge Connector