

AD01198



Prime Application

Dual XMC adapter for PCI-Express workstations.

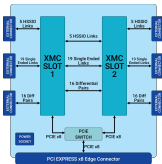
Board Features

- On-board PCI Express Bridge connects both XMCs to motherboard PCIe
- PCI Express power connector
- Allows direct communication between the XMC sites
- Supplied with a debug/adaptor board (order code ADT-XMC) for connecting 19 single ended

Summary

PC plug-in card to allow up to two XMC boards to be used in the PC.

Capable of supporting the use of x1, x2, x4 and x8 PCIe Gen2 signalling environments in x8 or x16 PCIe slots. There are two XMC sites on the card which support either one x8 PCIe or two x4 PCIe links (for each XMC site). VPPWR provided to the XMC site is set to 12V.



Deliverables

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

Host Interface

Supports PCI Express Gen2 x8 System interface with Gen2 x8 links to each XMC.

Board Format

Full length PCI Express Card

Input/Output Interfaces

Discrete

All XMC I/O routed to on-board sockets for connecting to other ADC-XMC-II carriers and their XMC daughter boards.

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-II(t)

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

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