ADC-VPX3-XMC

XMC carrier for Industrial Air-cooled or conduction-cooled VPX Systems

Summary

The **ADC-VPX3-XMC** is a single XMC carrier for VPX based systems.

Features include **OpenVPX compliant** PCI Express capable interface, dual mSATA interfaces providing the addition of high capacity FLASH Memory SATA drives.

Deliverables

ADC-VPX3-XMC Board
One Year Warranty
One Year Technical Support

Board Features

• Open VPX Compliance

Host Interface

XMC Dependent

Board Format

3U VPX (OpenVPX Compliant)

Input/Output Interfaces

8x PCI Express Link to XMC

6x HSSSIO lanes
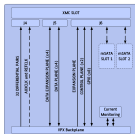
2x 1000Base-T Ethernet

2x USB

1x RS232

1x RS232/RS485

38x General Purpose I/O

2x Full size mSATA sites

Support

Appears transparent to the system so no extra software required beyond the SDK and drivers for the XMC boards

Environmental Specification

Temperature Ranges

Cooling Option	Operating Temperatures		Storage Temperatures	
	Min	Max	Min	Max
AC1	-40°C	70°C	-55°C	100°C
CC1	-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

Conformal Coating Options

Acrylic or Polyurethane
Contact sales for specification of coatings.

Ordering Information		

Order Code: ADC-VPX3-XMC(c)(a)(m)(t)		

Option	Code	Description of Options
Cooling	c	blank = air cooled commercial, /CC1 = conduction cooled industrial
Conformal Coating	a	blank = no conformal coating, A = Acrylic, P = Polyurethane
mSATA	m	blank = mSATA available in Air Cooled configuration*, /C3 = mSATA cutouts 4399-00 (only required when CC1 cooling option selected)
XMC Connector Type	t	blank = XMC (VITA 42) Connectors , /X2 = XMC2 (VITA 61) Connectors
Note		* - mSATA sockets are always available unless ordering a conduction cooled (CC1) board. To allow access to the mSATA sockets in conduction cooled configuration add the /C3 option to ensure the heatsink fitted provides access to the mSATA sockets (CC1/ C3)

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