AD01254

Prime Application

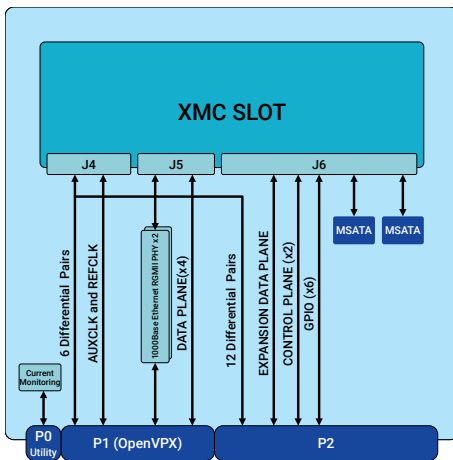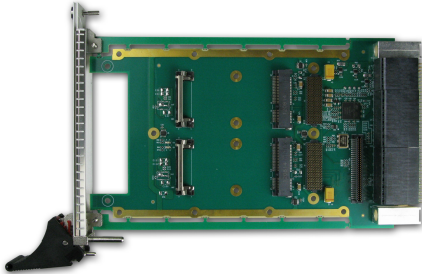**XMC carrier for Industrial Air-cooled or conduction-cooled VPX Systems**

Board Features

- Open VPX Compliance

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

Host Interface

XMC Dependent

Input/Output Interfaces

PCI Express
PCI Express Link to XMC

High-speed comms
HSSSIO lanes

Comms
1000Base-T Ethernet
USB
RS232
RS232/RS485

Discrete
General Purpose I/O

mSATA
Full size mSATA sites

Support

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

Board Format

3U VPX (OpenVPX Compliant)

Environmental Specification

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)	

ALPHA DATA

5.0   www.alpha-data.com

UK Office
Address: Suite L4A, 160 Dundee Street, Edinburgh, EH11 1DQ, UK
Telephone: +44 131 558 2600
Fax: +44 131 558 2700
email: sales@alpha-data.com

USA Office
10822 West Toller Drive, Suite 250
Littleton, CO 80127
(303) 954 8768
(866) 820 9956 - toll free
sales@alpha-data.com