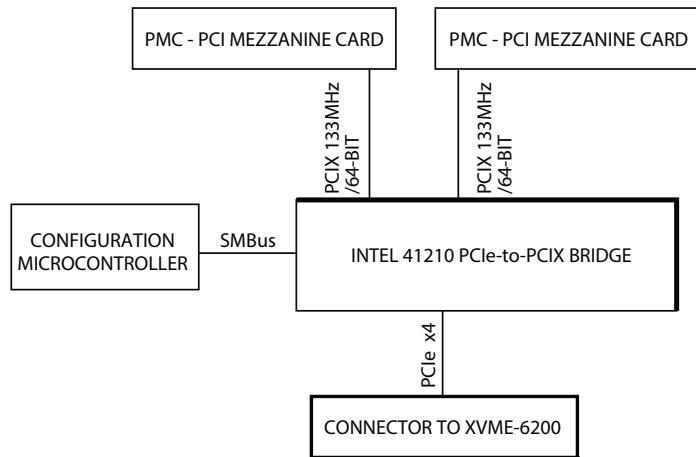
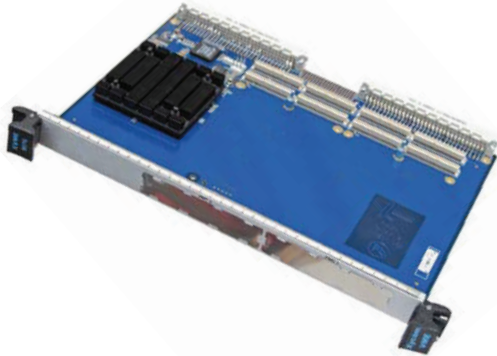


VME Carriers

XVME-9076 Dual PMC Carrier Module for the XVME-6200

XEMBEDDED™



1GB bandwidth in each direction ◆ Two additional PCI-X sites ◆ Seamless integration with XVME-6200

Description

Acromag's XVME-9076 carrier provides PMC support for two PMC expansion modules for the XVME-6200 Core™ 2 Duo VMEbus processor. Each PMC card uses its own bus resource. This carrier connects to the XVME-6200 via four lanes of PCI Express enable high-speed connection with 1GB/s bandwidth in each direction.

The XVME-9076, in combination with the XVME-6200, provides up to three PMC modules, or two PMC/XMC modules and one XMC module. The expansion site allow functions such as: FPGA, Ethernet, SCSI, serial port, digital I/O, analog I/O and special-function PMC modules.

The PMC sites are IEEE P1386 compliant and will provide the power needed by most PMC modules.

Key Features & Benefits

- Single-slot dual PMC carrier module for use with the XVME-6200
- Two 32/64-bit, 33/66/133MHz 3.3V PMC sites with front panel I/O cutout
- High-speed connection using four lanes PCI Express
- 3.3V tolerant signaling using 64-bit PCI-X
- Capable of 1GB per second bandwidth in each direction
- Support for PMC cards at speeds up to 133Mhz
- Fits into any standard 6U VMEbus card cage
- All PMC sites are capable of providing 14 watts of power to each PMC module
- Only draws power from VMEbus
- Rear access for PMC I/O via P2 and P0

Ordering Information

■ XVME-9076-3A9-X

A = P0
0 - No P0
2 - With P0

X = Solder
L - Lead solder
LF - Lead-free solder

NOTE: P0 is used to bring the second PMC's I/O out of the rear of the VMEbus chassis

Acromag 
THE LEADER IN INDUSTRIAL I/O

Tel 248-295-0885 ■ xembeddedsales@acromag.com ■ www.acromag.com/xembedded ■ 30765 Wixom Rd, Wixom, MI 48393 USA

XVME-9076 Dual PMC Carrier Module for the XVME-6200

Performance Specifications

■ General

PMC Expansion Sites

Intel 41210 Serial to Parallel PCIe-to-PCI-X Bridge

PCI Express x4 interface

32/64-bit, 33/66/133MHz PCI-X operation

Two 64-bit sites, one with rear I/O out P2 of the carrier and the other with rear I/O out the optional P0

NOTE: The XVME-9076 carrier draws power and ground from the VMEbus backplane.

■ Environmental

Operating temperature

-25 to 70°C

Storage temperature

-40 to 85°C

Relative humidity

20 to 90% non-condensing

Shock

Operating:

30g peak acceleration, 11ms duration

Non-operating:

50g peak acceleration, 11ms duration

Vibration (5Hz-2kHz)

Operating:

0.015" (380µm) peak-to-peak displacement

2.5g max acceleration

Non-operating:

0.030" (760µm) peak-to-peak displacement

5.0g max acceleration

■ VME Compliance

Compatible with PMC 2.0 Specifications for IEEE P1386 modules

BGXIN* tied to BGXOUT* on this module

■ Form Factor

6U VMEbus 9.2"(233mm) x 6.3"(160mm)

