

PCIe2VME Ext 01 01 - Datasheet

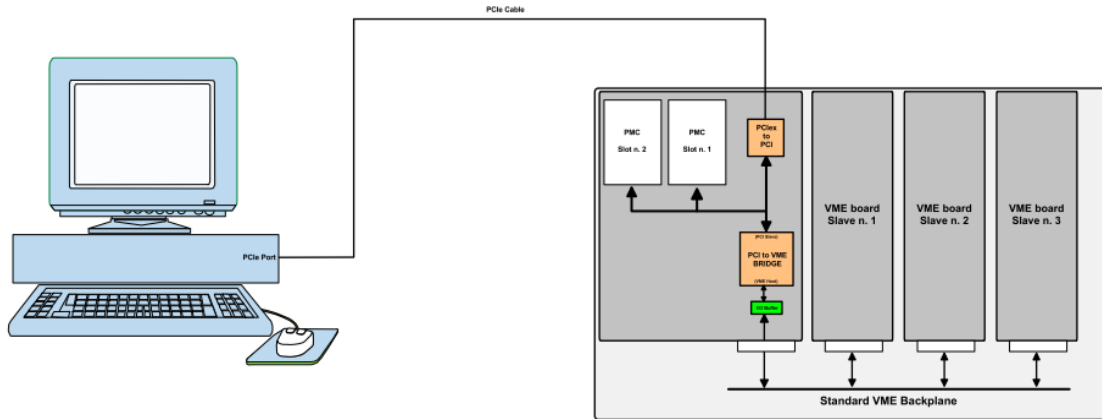


Description

The PCIe2VME Extender system is a high performance extender system that allows the control of a VME system and Slave board through a standard PC. The system is composed of a VME board, a PCI Express cable and PCI Express adapter. The VME board is a Eurocard 6U board equipped with a standard VME Interface and 2 PMC slot. The PCI Express adapter is available for standard PC or for Express Card slot. The PCI Express Cable length can be up to 3 m.

The VME Expander is automatically recognized by the Operative System. The VME Host Function can be controlled completely from the SW developed under standard PC environment. The drivers and the SW developed for the PMC board installed over the VME board are completely re-utilizable.

Block Diagram



Specification

Features	Specification
VME Interface	VME 64 (ANSI/VITA 1-1994)
PCI Express	PCI Express 1x Lane, ver 1.0.
PCI Express Adapter	Express Card Adapter for Notebook PCI Express Adapter for Standard 1x PC Slot
PMC Slot	PCI 32 bit @ 66 MHz VIO 3.3V
Cable	PCI Express 1 m, 2 m and 3 m.
Enviromental	Air Cooling Operating Temperature 0 to +50 degrees C Non-Operating(Storage) Temperature -40 to +65 degrees C

Ordering Information

PCIE2VME – 001 – 0x – 0y:

- x = 1 for Express Card Adapter Slot;
2 for PCI Express Adapter Slot;
- y = 1 for 1 m cable;
2 for 2 m cable;
3 for 3 m cable.

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