

esd electronics, Inc releases VME Carrier Board for PMC Modules

By esd electronics, Inc USA

Dated: Sep 17, 2009

esd electronics, Inc releases VME-PMC-CADDY module to allow upgrade of VME systems through PMC boards.

esd electronics, Inc. announces the release of the VME-PMC-CADDY developed to allow the upgrade of established VME computer systems to newer-technology PMC boards. This module provides a perfect solution for extending the life of existing VME systems, or even replacing discontinued VME components.

The VME-PMC-CADDY is a VME64-based board carrying up to two PMC modules of any kind. The board uses the Tundra UNIVERSE CA91C142 PCI bridge with an internal clock rate of 33 MHz that allows it to operate as either a slave or master. In the "master mode", it supports a 4-level arbiter. It operates with a data width of up to 32 bits and supports 32 address signals on the VMEbus. Seven interrupt request lines are available for the application of the VMEbus interrupt. Two 160-pin VG connectors connect the board to the VMEbus on VME64 extensions according to IEC603-xx.

Designed according to IEEE P1386/Draft 2.0 (except for the standard I/O pin routing), both PMC plug-in units allow the use of any PMC modules available in the market.

esd electronics, Inc offers software drivers plus sample C source code libraries available for real time operating systems such as VxWorks and OS-9. Drivers for other operating systems are available on request.

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esd electronics, Inc. has over 20 years experience in VME development and production. They specialize in re-engineering discontinued VME boards. As an experienced system integrator, we use the highest industrial standards to realize customer-specific developments in hardware & software with consideration for special requirements. esd electronics also focuses on Controller Area Network (CAN) technologies with hardware interfaces including PCI, CompactPCI, PC104, PMC, PCIExpress, gateways to USB, Ethernet, & Profibus with drivers and CANopen/DeviceNet APIs supporting Windows, LINUX, & VxWorks. We offer an IEC 61131-3 programming interface.

Category Electronics, Technology, Manufacturing
Tags vme, pmc, vme systems
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