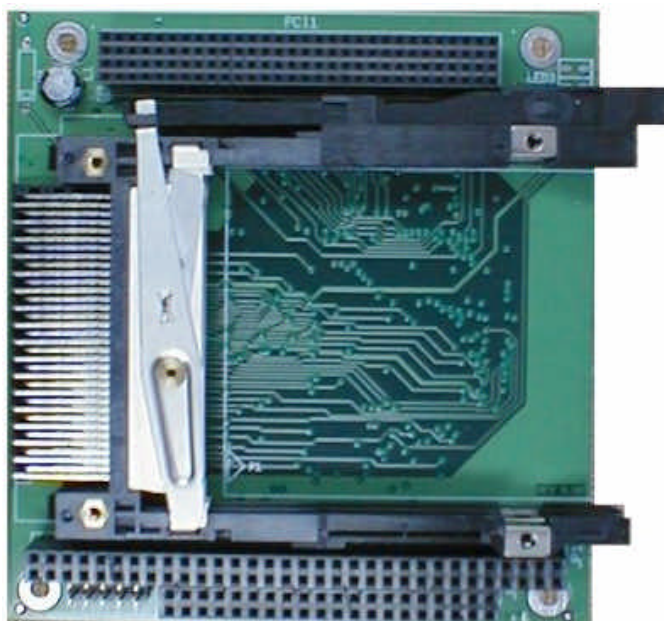


PCM2000

Dual-Slot PC-Card Controller for PC/104+



General Description

The **PCM2000** provides a compact and cost-effective PC-Card Controller ideally suited to interfacing a wide range of miniature peripherals to the PC/104 bus. Compliance with PCMCIA 2.1/JEIDA 4.1 and availability of full suite of PCMCIA support software ensures that the PCM2000 is able to support the widest range of cards under DOS, Windows, Linux and a number of RTOS. The PCM2000 features 2 PC-Card sockets and interfaces to the host computer over the high speed 32-bit PC/104+ bus. The Sockets support Types I, II, III cards such as SRAM, Flash, Fax/Modem, ISDN, GSM, WirelessLAN, BlueTooth, etc cards.

Features

- Full PCMCIA/JEIDA compliance
- Dual PCMCIA Socket support
- Support for ExCA extensions
- Support for 'hot' insertion/removal
- High speed PCI design
- Supports 5V and 3.3V PC-Cards
- Automatic Power-Down
- Single +5V low power design
- Compact stackable PC/104 form factor

Applications

- Full DOS, FFS2, Windows compatibility
- Flexible exchange of media between machines
- Supports widest range of cards including -
- - Memory: SRAM, Flash
- - Comms: WirelessLAN, Fax/Modem
- - BlueTooth, ISDN, GSM, etc
- - Storage: ATA Flash, CompactFlash
- - IBM Microdrive

PCM2000 Dual-Slot PC-Card Controller for PC/104+

PC104+ Bus Interface	Compliant with PCI Rev 2.1 132MBytes/sec bandwidth at 33.33 MHz bus speed PCI Bus Master supporting DMA PCI Slave for access to internal registers PCI Power Management compliant
PC-Card Sockets	Two PC-Card Sockets Supporting Types I, II, III PC-Cards Compliant with PCMCIA rev 2.1, JEIDA 4.1 5V or 3.3V PC-Card operation
Host System Requirements	PC/104+ bus with 1 spare REQ/GNT pair 30MHz to 33.3MHz PC/104+ (PCI) bus speed +5V or 3.3V PC/104+ bus signalling (jumper selectable) +5V power
Miscellaneous	Single +5V at less than 500mW Suspend Mode power at less than 20mW Jumper-selectable 5V or 3.3V PCI signalling Operating Temp of 0 to 60degC (Extended Temp option) Standard 3.6 x 3.8in PC/104+ form factor
Software	Drivers for Windows95/98/NT/2000, Linux Other Operating Systems such as QNX, VxWorks, pSOS, etc can be supported on request
Ordering Information	PCM2000
Contact	Purchasing: sales@ampltd.com Technical Support: support@ampltd.com

