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PMC235

PCI/PCMCIA and addition of PMC slot

The PMC235 is a 6U VME form factor module designed to utilize different PCMCIA cards (Release 2.1) and provide 2 sets of PMC connectors for addition of the PMC modules. It accepts PCMCIA SRAM, Flash (5/12V), Magnetic Disk, FAX/Modem, LAN, GPIB, SCSI II, DAQ, RS232, Audio and others (Compliant with Release 2.1) The PMC235 takes two (2) PCMCIA cards of either type I/II or one (1) type III. Software drivers are available for each card, running under multitude of Operating Systems. Hot insertion and removal of the card. **Also available as a separate external box for PCMCIA cards.**

Ordering Information
When ordering, specify the part number and the Card using the following guide.

- ***Part Number:*** PMC235.
- ***Cards:***.

(N) No Card	(A) 1MB	(B) 2MB
(C) 4MB	(D) 8MB	(E) 10MB
(F) 16MB	(G) 20MB	(H) 40MB
(J) SCSI II	(K) RS-232	(L) RS-422/RS-485
(M) GPIB	(O) Audio	(P) 14.4/14.4 FAX/Modem
	(R) 170	

Applications
The PMC235 can be used for a variety of applications. Four common examples are as follows:

- ***PMC Addition:*** For additional of up to two PMC modules to system.
- ***Communnication*** A PCMCIA FAX/Modem card provides full feature communications.
- ***Network:*** Achieves a fully fuctional network node with an Ethernet PCMCIA card. Utilization of a stand-alone wireless Local Area Network (LAN).
- ***Removable Media:*** For a faster, more secure and durable method of storage, the PCMCIA memory and Disk cards are excellent for transferring data which can be used at different locations. The Magnetic Disk provide a large capacity of storage and can stand over 500G shock.

Functional Specification

- ***Capacity:*** two PCMCIA Type I/II or one Type III cards. Different types of cards can be mixed.
- ***I/O Connections:*** I/O connections are through the end of the PCMCIA cards.
- ***Card Insertion:*** The PCMCIA card is inserted through the bezel opening or by and external box.
- ***Compatibility:***

(Q) DAQ	Disk	(S) 262 Disk
(T) 340 Disk	(U) Digital I/O	(V) Parallel Port
(W) Lan 10 Base-T		(X) LAN 10BASE2
(Y) DSP	(Z) 28.8 Kbps (V.Fast Class) FAX/Modem	
(A1) 1.8 MB SSD*		(B1) 2.8 MB SSD*
(C1) 5 MB SSD*		(D1) 10 MB SSD*
(E1) 20 MB SSD*		(F1) 40 MB SSD*
(G1) 85 MB SSD*		(H1) 110 MB SSD*
(J1) 175 MB SSD*		(K1) 1553 Data Bus
*Solid State Disk		
Other cards are available. Please contact RAMix.		

- ***Type:*** (5F) 5V FLASH (12F) 12V FLASH (SR) SRAM.
- ***Example:*** PMC235-M-C-SR - P/N PMC235 with GPIB card and a 4 Mbyte SRAM card.

Two IEEE I386 single slots.
PCMCIA Release 2.1.
Address: A32
Data: D8/D16/D32

- ***Card Voltages:*** The 12 Volts is generated on board to program the 12 Volts FLASH cards. The 3.3 Volts is available for 3.3 Volt cards.

Operating Systems

- ***Drivers:*** OS-9, VxWorks, pSOS, Lynx, RTMX, OSF/1 (Digital Unix), etc.

Electrical/Mechanical Specifications

- ***Power:*** 1.75A @ +5V.
- ***Size:*** Standard 6U VME, one slot.
- ***Operating Temperature:*** 0°C to +65°C.
- ***Storage Temperature:*** -40°C to +85°C.
- ***Relative Humidity:*** 5% to 95% (noncondensing).

Support

RAMix fully supports you, our customer, in the installation and use of both hardware and software components. RAMix is able and ready to help you solve any problems that you might have using our products in your applications.

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