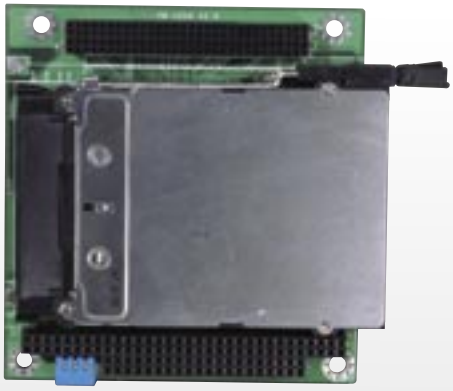
PM-1054

PC/104 Plus Card Bus PCMCIA module



Specifications

- Chipset: RICOH R5C478 Card Bus controller
- Data Bus: 32-Bit, 33MHz (133MB/s), DMA bus master (Compliant with PCI 2 .1)
- PC Card 95/97/98 32-bit CardBus compatible
- Supports Plug & Play auto-detected & configuration
- Driver support: Windows 98/ME/NT/2000
- Accepts PCMCIA Type I/II/III
- 2xPCMCIA slots

Tech Talk

CardBus Introduction

In early 1995, PCMCIA introduced the 32-bit CardBus standard. Although electrically different, the CardBus is architecturally identical to the PCI bus. The CardBus supports bus mastering and accommodates cards operating at different voltages. Its advanced power management features allows the computer to take advantage of CardBus cards designed to idle or turn off in order to increase battery life. The CardBus specification allows data transfer up to 132 Mbytes/sec over a 33MHz, 32-bit data path.

PCMCIA Key Features

- Hot swap capability for Type I, II & III cards
- Designed and developed for embedded systems

Ordering Information

- **PM-1054**
  PC/104 Plus Card Bus PCMCIA module (only work with IEI SBC)
- **PM-1054A**
  PC/104 Plus card bus PCMCIA with PC/104 (ISA Bus) connector module
  (Meets PC/104 Plus standard specification for general appliances)

PM-1038

PC/104 Dual PCMCIA Module

Specifications

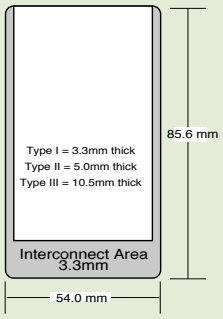
- Complies with PCMCIA2.1 and JEIDA4.2 standard
- Accepts TypeI/II/III PCMCIA cards
- 16-bit data bus
- Easy host interface using ISA I/O addresses 3E0h,3E1h
- Programmable IRQs to level mode or edge trigger mode
- PCMCIA-AT-A Disk interface support
- DMA mode support

Tech Talk

PCMCIA Introduction

The power and versatility of PC Cards quickly made them standard equipment in mobile computers. The rapid development and worldwide adoption of PC Card technology has been due in large part to the standards efforts of the Personal Computer Memory Card International Association (PCMCIA).

The association PC Card Standard is now bringing the benefits of these same PC Cards to a variety of industries and vertical applications, including smart cards, set-top boxes, automobiles, and others. The PC Card technology compact size and ruggedness make it the ideal technology for a wide variety of applications.



Ordering Information

- **PM-1038**
  PC/104 Dual PCMCIA Module