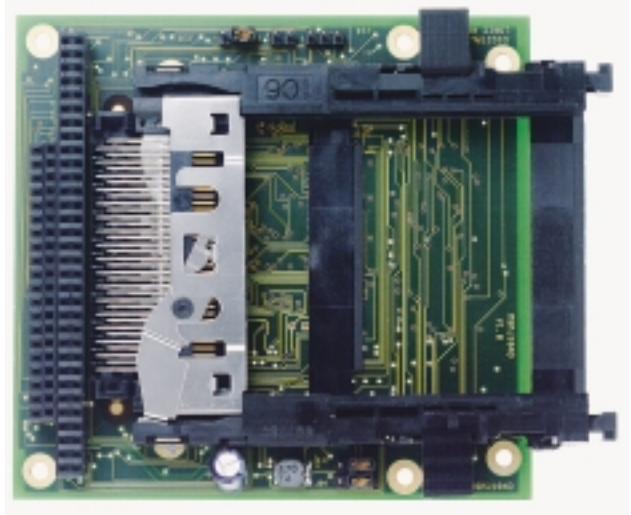![ADVANCED DIGITAL-LOGIC INC — Embedded Industrial Computer Solutions](logo)

PCMCIA Module
MSMJ104D

Features

• Controller VADEM 469
• PCMCIA Version 2.1
• SRAM, Flash, Modem, Ethernet, hard drives, GPIB, etc.
• 2 PC card slots Type I, II, III
• ExCA - compatible
• 16 bit data transfer
• Hot insertion
• On-board voltage generation
• SCM software support
• -25°C to 80°C (-13°F to 176°F)
• Low Power consumption - 1 Watt

Description

The MSMJ104 is a PC Card compatible PC/104 Bus interface. It uses a VADEM 469 controller that is fully compatible with the INTEL 365 which follows Intel's exchangeable card architecture design specifications (ExCA). It supports PCMCIA devices such as SRAM, FLASH Cards, ATA hard disks, and I/O Cards like Modem, LAN and SCSI. The board is equipped with 2 PC Card slots that are directly mounted onto the board. The slots provide support for 1 x Type I or II, and 1 x Type III card.

Ordering Information

Item codes	Part #	Description
MSMJ104D	806003	Includes card and socket services software by SCM

Technical Specifications

Features	Functions	Remarks	Options
General			
Controller	VADEM 469		
Compatability	Fully compatible to Intel 365		
PCMCIA Version	2.1		
ExCA compatible	yes		
Cascadeable	2 (equal. total 4 slots)		
Card Holder			
PCMCIA Slots	2		
Card Type	I, II, III		
Hot insertion	yes		
Software			
Programming Voltage	On-board		
Boot Bios Extension	Available on-board		Boot EPROM
Software Support	SCM included with installation disk		
	Not included: Phoenix Card Manager; AMI;		
	AWARD Cardware: Software Systems		
Data Transfer			
Data Transfer Rates	16 Bit		
	Flash Card Read: up to 2MB/sec		
	Flash Card Write: up to 60KB/sec		
	SRAM Card Read: up to 2MB/sec		
	SRAM Card Write: up to 500KB/sec		
Electrical			
Power Supply	5V, 200mA		
Environment			
Dimensions	3.8" x 3.6" x 0.8" (96x90x20mm)	PC/104	
Bus	PC/104	104 pin stack through	
Operating Temperature	-25°C to 80°C (-13°F to 176°F)		
Storage Temperature	-40°C to 125°C (-40°F to 257°F)		
Layer	4 (GND and VCC seperate)		