

Product description
SCM SRAM cards features high speed solid state memory technology with low power consumption for maximum battery life. Each SRAM card is designed with the dual back-up battery system - a replaceable but non-rechargeable 3V lithium battery (primary battery) and an on-board rechargeable but non replaceable battery (secondary battery) for data retention. This design allows replacement of primary battery without data loss for approximately 20 minutes.

The write protect switch on the SRAM card provides a useful measure of protection from inadvertently over-writing stored data.

Compliant to the industry standard PCMICA IJEIDA specifications and in support of standard DOS file system, the SRAM card is well suited for data storage in Palmtops, Subnotebook PC, PDA, PCA.

Features
- Industry standard PCMCIA 2.x compliant
- PCMCIA Type I form factor
- Solid state memory technology for high read/write speed of 150ns
- Extremely rugged and reliable
- Low power operation for maximum battery life
- Dual battery design for ease of use and superior data retention
- BVD1IBVD2 pins used as battery voltage level detection signals Battery case lock system
- Secure battery in the card
- Ease of battery change
- Mechanical Write protect switch prevents overwriting valuable data
- Supports standard DOS file system
- Applications for PC, PDA, PCA, Industrial Control, Embedded System, instrumentation, Communication

Options:
- Industrial temperature version

Technical specifications
Data Bus: 16bit
Dimensions:
- Type I card: 85.6mm(l) x 54mm(W) x 3.3mm(H)
- Weight: 42.5 g or 1.5 oz

System Compatibility:
- PCMCIA/Card Bus Slot (Notebook) and PCMCIA/Card Bus Adapter
- IBM compatible Notebook PCs, Laptops, Palmtops, or Handheld devices, etc.

Operating System Support:
- DOS, Microsoft Windows 3.x and Windows 95/98/NT
- Windows 2000/XP/Vista 32bit: Attribut-Memory mandatory

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Subject to change without notice

Performance:
- Access time: 150ns (Max.)

Main Battery:
- BR2325 Rayovac/Panasonic
- CR2325 FDK
- CR2025 Toshiba/Panasonic/FDK

Operating Voltage:
- 5V ± 5%

Power Consumption:
- Active Mode: 120 mA (max)
- Standby mode: 0.4 mA (max)

Environment conditions:
- Operating temperature: 0℃ to 70℃
- Storage temperature: -40℃ to 85℃
- Relative Humidity: 95% (Max.)