SCR243

The Premier Mobile Computing Solution

Technical Data

Host Interface	• PC-Card 8 bits I/O 5V • PCMCIA Type II
Smart Card Interface	• T=0, T=1 protocol support • Memory card support through SCM MCARD API • Communication speed up to 344,105 bps (PPS, FI parameter) • Frequency up to 12 MHz (PPS, DI parameter) • Support ISO 7816 Class A and AB smart card
Smart Card Connector	• 8 contacts - ISO location • 100,000 insertions • Sliding contact
Power	• 68 pins PCMCIA connector • Power through PCMCIA interface
Dimensions	• LWH 85.6 x 54 x 5 mm
Operating Temperature	• 0° to 50° Celsius
OS	• Windows ® 98, ME, NT4, 2000, XP and CE • Linux • MacOS X
API	• PC/SC • CT-API (thru wrapper on top of PC/SC) • OCF upon request
Approvals	• FCC Class B part 15, cULus, CE, VCCI • EMV Level 1 • Microsoft® WHQL ME, 2000, XP

Overview

The SCR243 is designed to meet requirements of mobile users.

The SCR243's design fits effortlessly into a standard PCMCIA Type II slot and offers an easy smart card insertion mechanism for your convenience.

In addition, the SCR243 is the industry's first to offer on-board flash, allowing future firmware and application enhancements that guarantee against obsolescence.

SCR243 Benefits

• Robust casing with easy smart card insertion mechanism
• Takes only one PCMCIA slot and can stay inserted even when traveling
• EMV Level 1 AND PC/SC certification based on a single solution
• On-board flash provides seamless firmware upgrades in the field
• High performance, low power consumption
• Fully tested and compliant with all major smart cards in the market
• Branding option available

The SCM Microsystems' Advantage

SCM Microsystems brings over a decade of experience in ASIC and smart card reader development to this unique product, including:
• More than 80 patents
• Support for all current and emerging international standards
• Customer base of global, top tier PC OEMs, systems integrators and smart card industry leaders
• Industry endorsed SmartOS™ middleware
• Direct significant long-term relationships with all leading smart card manufacturers and application providers
• High quality mass production capability