

SCR243

The Premier Mobile Computing Solution



Technical Data

Host Interface	<ul style="list-style-type: none">• PC-Card 8 bits I/O 5V• PCMCIA Type II
Smart Card Interface	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 8 contacts - ISO location• 100,000 insertions• Sliding contact
Power	<ul style="list-style-type: none">• 68 pins PCMCIA connector• Power through PCMCIA interface
Dimensions	<ul style="list-style-type: none">• LWH 85.6 x 54 x 5 mm
Operating Temperature	<ul style="list-style-type: none">• 0° to 50° Celsius
OS	<ul style="list-style-type: none">• Windows® 98, ME, NT4, 2000, XP and CE• Linux• MacOS X
API	<ul style="list-style-type: none">• PC/SC• CT-API (thru wrapper on top of PC/SC)• OCF upon request
Approvals	<ul style="list-style-type: none">• FCC Class B part 15, cULus, CE, VCCI• EMV Level I• 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 I 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

US Headquarters
SCM Microsystems Inc.
466 Kato Terrace
Fremont, CA 94539 USA
email: scmsales@scmmicro.com
Phone +1 510 360 2300
Fax +1 510 360 0211

European Headquarters
SCM Microsystems GmbH
Oskar-Messter-Str. 13
D-85737 Ismaning, Germany
email: sales@scmmicro.de
Phone +49 89 9595 5000
Fax +49 89 9595 5555

SCM Microsystems Japan, Inc.
8F Hiraakawacho Ronstate, 2-11-1,
Hiraakawa-cho, Chiyoda-ku,
Tokyo, Japan 102-0093
email: sales@scmmicro.co.jp
Phone +81 3 3511 8511
Fax +81 3 3511 8516

SCM Microsystems France
ZE Athélie II
216, avenue du Serpolet
13704 La Ciotat Cedex - France
email: sales@scmmicro.fr
Phone +33 442 838 000
Fax +33 442 838 001

SCM Microsystems (Asia) Pte. Ltd.
25 Serangoon North Ave 5
#06-00 Keppel Digihub
Singapore 554914
email: sales@scmmicro.com.sg
Phone +65 6551 5233
Fax +65 6483 0210

SCM Microsystems India Pvt. Ltd.
Module No. 0506, 0507 & 0508
D' Block South, 5th Floor
Tidel Park, 4 Canal Bank Road
Taramani
Chennai 600113, India
email: sales@scmmicro.co.in
Phone +91 44 2254 0020
Fax +91 44 2254 0029

