SCL3711

Contactless reader & NFC enabling accessory

Features

- Multi-protocol 13.56MHz contactless reader:
  - ISO14443 type A & B
  - MIFARE
  - FeliCa™
- optional NFC Peer-to-peer communication
- PC/SC compliant

Your contactless mobile reader & NFC-enabling accessory

With its functional solid mechanical design that has no removable parts that you may loose, SCL3711 is perfect for mobile uses. While being slim, SCL3711 dimensions have been optimized to ensure best RF performance possible with such a form factor.

The state of the art multi-protocol feature set of SCL3711 qualifies it to be used in a wide range of applications such as payment, loyalty and ID schemes, or to enable devices with NFC connectivity.

As a latest generation product, SCL3711 can be supported by SCM's middleware that resides above the PC/SC API and offers better portability of applications and abstraction of smart card related details that need to be handled by applications developed on top of the PC/SC API.

A software development kit is available.

For further information:
http://www.scmmicro.com or sales@scmmicro.com

Contactless Technology

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SCL3711

Technical Data

Interfaces			
Host	USB		• USB 2.0 full speed • PC/SC v2.01 • Hardware abstraction layer (HAL) that sits on top of PC/SC API. Common to all SCM readers

Smart Card	contactless		• Antenna ISO/IEC 14443 compliant design
			• Baudrate up to 848 Kbps
			• Supported standards:
			  - Type A until ISO/IEC 14443-3
			  - Type B until ISO/IEC 14443-3
			  - ISO/IEC 14443-4
			  - MIFARE: Classic 1K and 4K, Mifare plus, DESFire, Ultralight
			  - my-d™ NFC
			  - FeliCa™
			  - NFC forum tag type 1, 2, 3, 4
			  - ISO/IEC 18092 peer-to-peer protocol up to 412 Kbps

Human	optical		• LED for connection status
Operating Systems			• Windows® 7, Vista, XP, 2000, Server 2003 • Mac OS X, Linux or Windows® CEupon demand
Firmware			• Not upgradeable
Power	USB		• Bus powered
Operating Temperature	[°C]		• -20 - 70
Storage Temperature	[°C]		• -40 - 85
Dimensions	L x W x H [mm]		• 66 x 24 x 8
Weight	[g]		• 10
Approvals			• USB, CE, FCC, VCCI, WEEE, RoHS, WHQL • Radio Frequency for Japan
Support			• Software development kit

*Technical data provided here is subject to changes without notice
MIFARE is a registered trademark of NXP Semiconductors B.V. FeliCa is a registered trademark of Sony Corporation
my-d™ is a trademark of Infineon Technologies AG.

The SCM Microsystems' Advantage

Trusted Partner

• ASIC (application specific IC) and smart card reader development experience since 1990
• Innovative solutions - more than 50 patents filed
• Reliable high-quality mass production capability - more than 15 Mio. reader solutions deployed to date
• Active role in standardization committees
• Complex project management expertise e.g. U.S. Department of Defense CAC program, electronic ID applications (ePassport, health card projects, national ID, driver licence)

Support

• Global presence and support
• Product customization options
• Product branding
• Dedicated Research & Development and customer support team
• Strong global partnership network with leading suppliers along the value chain (smart card manufacturers, application providers, system integrators, device manufacturers)

Trusted Products

• Broadest portfolio of security technology products - for governments, corporations, financial institutions, small and medium-sized enterprises and individuals around the globe
• Secure smart chip reader design - certified and compliant to EMV, Common Criteria, PC/SC, USB
• High-quality products designed to meet the various requirements in the data security area
• Flexible and future proof solutions - SCM's SmartOS™ firmware and its own ASIC technology allow in Field upgrades and secure your investment