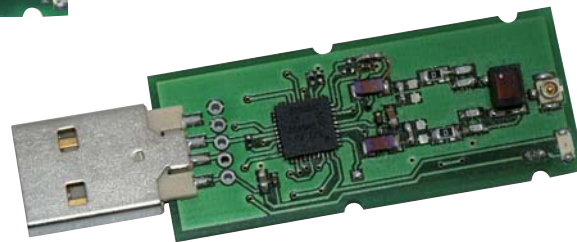


SCL3711 contactless reader modules

Designed for easy system integration

preliminary information



Features

- Multi-protocol 13.56MHz contactless smart card reader:
 - ISO14443 type A & B
 - NFC: Reader and Tag Type support
 - MIFARE: Classic 1K and 4K, DESFire, Ultralight, Plus; my-d™
 - FeliCa™
- Slim, small outline form factor (49 x 19 x 4 mm) ideal for easy system integration
- Integrated antenna or 50 Ohm antenna interface
- PC/SC drivers for Windows®, Mac, Linux
- USB interface & power

Typical Applications

With its slim form factor and integrated antenna, the SCL3711-IA is ideal to be integrated into Notebooks, Monitors, PC peripherals such as keyboard, mouse or printer, to enable contactless functionality for various applications.

If a specific antenna design or location is needed the SCL3711-50R with 50 Ohm antenna interface is the ideal choice.

The state of the art multi-protocol feature set of the SCL3711 reader qualifies it to be used in a wide range of applications such as user authentication, gaming, payment, loyalty and electronic ID.

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 contactless / NFC SDK (software development kit) is available under the following ordering number PN:905124 or online.

For further information:

<http://www.scmmicro.com> or sales@scmmicro.com



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SCL3711 contactless reader modules

Technical Data

Interfaces		
Host	USB	• Full speed USB, PC /SC v2.01
Contactless Reader / Writer	Contactless	• ISO/IEC 14443 A,B • RF interface: - directly mached antenna on PCB (SCL3711-IA) - 50 Ohm interface (SCL3711-50R) • MIFARE 1k,4k DESFire, Ultralight, Plus • NFC Forum Tag Type support • FeliCa™ • my-d™ NFC
Human	Optical	• Status LED
Operating Systems		• Windows (incl. Win 7), MacOS, Linux
Power		• USB powered
Connector		• Universal 4 Pin connector
Dimensions	L x W x H [mm]	• 49 x 19 x 4 • 40 x 19 Antenna size (SCL3711-IA)
Weight	[g]	• 3
Operating Conditions	Temperature [°C] Humidity [%]	• -20 to +70C • 90% non condensing
Approvals	Functional (on request)	• CE, FCC, VCCI, WHQL • USB, UL
	Environmental	• RoHS, WEEE
Support		• Software development kit, PN:905124

Technical data are subject to change without notice.

MIFARE is a registered trademark of NXP Semiconductors B.V. FeliCa is a registered trademark of Sony Corporation.

my-d is a registered trademark of Infineon.

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

