SCL3711

Contactless Mobile Reader & NFC-Enabling Accessory

With its functional solid mechanical design and no removable parts to lose, the SCL3711 is perfect for mobile applications. Even with its slim form factor, the SCL3711's dimensions have been optimized to ensure the best RF performance possible. 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 programs, and to enable devices with NFC connectivity.

As a latest generation product, the SCL3711 can be supported by SCM's middleware (which 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.

An evaluation kit and software development kit are available.

SCL3711 Benefits

- Multi-protocol 13.56 MHz contactless reader
  - ISO14443 Type A and B
  - MIFARE
  - FeliCa™
- NFC peer-to-peer communication
- PC/SC compliant

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Technical Data

Host Interface	• Full speed USB 2.0 • PC/SC v2.01 • Hardware abstraction layer (HAL) that sits on top of the PC/SC API, common to all SCM readers

Smart Card Interface	• Antenna ISO/IEC 14443 compliant design
	• Baud rate 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, DESFire, Ultralight
	  • FeliCa™
	  • NFC forum tag type 1, 2, 3, 4
	  • ISO/IEC 18092 peer-to-peer protocol up to 412 kbps

Human Interface	• LED for connection status
Operating Systems	• Windows 2000, Server 2003, XP, Vista, CE • Mac OS X • Linux
Firmware	• Not upgradeable
Power	• USB bus powered
Operating Temperature	• -10 to 65 °C
Storage Temperature	• -40 to 85 °C
Dimensions	• 66 x 24 x 8 mm
Approvals	• USB, CE, FCC, VCCI, WEEE, RoHS, WHQL • Radio frequency for Japan
Support	• Evaluation kit • Software development kit

The SCM Microsystems Advantage

SCM Microsystems brings over a decade of experience in ASIC and smart card reader development to this unique product. With its dedicated Research and Development team and a true global presence, SCM Microsystems delivers high quality products catering to the various requirements in the security field. SCM, in conjunction with CardLogix, offers customization of products to suit any application's needs.

Readers By

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