



# 'S9'

## EMV Compliant Contactless Reader IC 13.56-MHz Multi-Standard RFID Reader IC

### Overview:

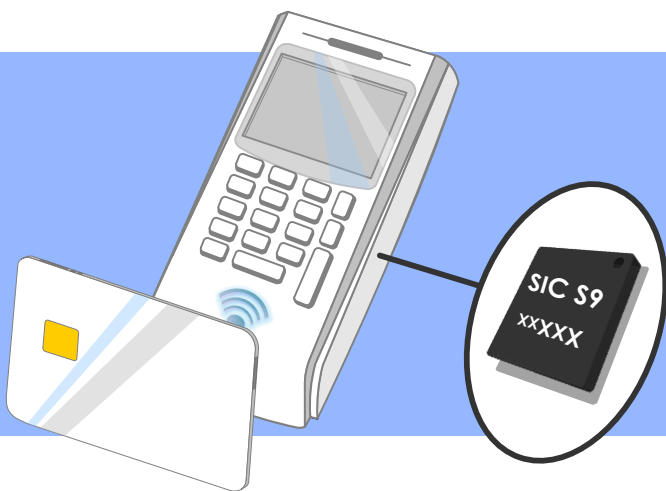
S9 is the new generation of EMV complaint reader IC supports secure card and mobile with Near Field Communications (NFC) payment.

With its outstanding performance and rich features, it ensures secure payment at your Point-Of-Sales devices allowing the devices to move beyond basic transaction to customer interactive payment in one unique product.

The S9 equipped with built-in frame decoder to smooth the integration, reduce external components makes your devices compact, reliable and competitive.

### Features:

- Level 1 EMV Compliant
- ISO14443A/B/C (all bit rates), NFC Tag Type 1 & PicoTag
- Outstanding read range with maximum Transmit current up to 400 mA & Automatic gain control in Receiver (AGC)
- On-chip Framing coder & framing handler for supported standards
- On-Chip Dual 80 mA 3.3V Regulators
- Programmable timer & Programmable clock divider for external MCU
- 256-byte EEPROM
- 5.5 uA in power down mode
- Small QFN5x5 32-Pin with Heat sink pad or TSSOP-28



### Applications:

- EMV Compliant contactless payment system
- POS & Mobile POS
- Secure access control
- PC peripheral devices
- Handheld RFID reader/Mid Range RFID reader



**SILICON CRAFT TECHNOLOGY CO.,LTD.**

151 Soi.Phaholyothin 34, Senanikhom.,Chatuchak, Bangkok  
10900 THAILAND.

Tel: 662 579 9998, Fax: 662 941 7997, [www.sic.co.th](http://www.sic.co.th)