

Contact Smart Card Reader for the Motorola MC9062

+ *Features and benefits:*

- ✓ Provides simple upgrade path for MC9062 terminal
- ✓ Compliant to ISO7816-1,2,3,4
- ✓ Memory card support
- ✓ Communication speed up to 115,200 bps
- ✓ Supports embossed cards
- ✓ On-board flash provides seamless firmware upgrades in the field
- ✓ Compact enclosure - 95 x 80 x 28 mm
- ✓ Matches drop specification of MC9062 terminal



PART NO.

1051-01-SO-MC9XXX-S

- + This accessory for the MC9062 series of terminals provides a Smart Card and Memory card capability. The unit attaches semi-permanently to the base of the MC9062. In addition the Smart Card reader provides an IrDA port to enable infra-red communications on the MC70, a three wire, RS232 serial port and a DC input for charging the MC9062.
- + The Smart Card Reader is compliant to ISO7816-1,2,3,4, supports T=0 and T=1 protocols and Synchronous and Asynchronous mode. The reader is based on industry standards, including PC/SC, EMV, FINREAD and Common Criteria to address a wide range of applications across government, enterprise and financial sectors.
- + The core chipset used in the Smart Card Reader is compliant with all crucial existing and emerging banking and IT standards and certifications. This means that the Smart Card Reader is ready for certification to Microsoft WHQL, EMV Level 1, Mondex, Entrust, and American Express.
- + The smart card connector meets the requirements of ISO 7816-2 and is rated for 100 000 insertions.

Compliance	<ul style="list-style-type: none"> ✓ ISO7816-1,2,3,4 ✓ T=0, T=1 Protocol ✓ Synchronous and Asynchronous mode
Power source	MC9062 switched 5V output
Current consumption	<5mA idle 50mA nominal operating current during card operation (influenced by smart card current).
IrDA	SIR (IrPhys 1.0)
Serial	3 wire (Transmit, receive, ground) at RS232 levels supporting baud rates up to 115k2.
Dimensions	80 x 85 x 50 mm
Weight	155g
Operating temperature	0°C to +50°C
Storage Temperature	-25°C to +60°C
Humidity	5% to 90% RH Non Condensing
Enclosure material	ABS/PC/TPR



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+ About TSL

TSL designs and manufactures both standard and custom embedded, snap on and standalone peripherals for handheld computer terminals. Embedded technologies include:

- RFID - Low Frequency, High Frequency and UHF
- Bluetooth
- GPRS/GSM
- IrDA
- Contact Smartcard
- Fingerprint Biometrics
- 1D and 2D Barcode Scanning
- GPS
- 802.11 Wi-Fi
- Magnetic Card Readers
- OCR-B and ePassport

Utilizing class leading Industrial design, TSL develops products from concept through to high volume manufacture for Blue Chip companies around the world. Using the above technologies TSL develops innovative products in a timely and cost effective manner for a broad range of handheld devices.

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