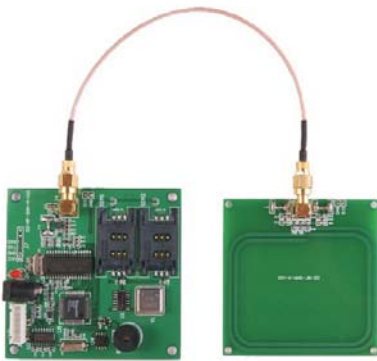


## Combo Reader Module

### Overview

MIFARE read/write OEM module SUZTC-MRP76TTL is a very compact size and easy to used device for accessing a MIFARE standard card, MIFARE PRO card, and MIFARE PROX card. The typical accessing range of this module is 70mm, up to 100mm depending on the antenna of the IC card and Reader's.

As an OEM module for the OEM product, SUZTC-MRP76TTL can be easily integrated with any product and work well. SUZTC-MRP76TTL provides TTL/CMOS serial interface which can easily connected to other host device. SUZTC-MRP76TTL also support power saving mode for those low power consumption devices or applications. SUZTC-MRP76TTL is a contactless ISO 14443 and MIFARE reader / writer, featuring a smartcard coupler (ISO 7816), 1~3 internal micro SIM/SAM slots, and popular fingerprint reader.



### SUZTC-MRP76TTL

#### Mifare 13.56, Hybrid Module

### Specification

<b>Contactless Reader</b>	<ul style="list-style-type: none"> <li>Support ISO/IEC 14443 (1,2,3 and 4)</li> <li>T=CL protocol embedded in coupler's firmware</li> <li>13.56MHz RFID transmission</li> <li>Integrated antenna: card operating distance up to 8 cm</li> </ul>
<b>Interface</b>	USB/RS 232/TTL
<b>Human</b>	One dual state green LED(red/green)
<b>Smart Card Reader</b>	<ul style="list-style-type: none"> <li>Comply with all ISO 7816 smart cards</li> <li>T = 0 and T = 1 Asynchronous ,Windows Plug &amp; Play</li> <li>Communication speed up to 115,200bps</li> <li>200,000 insertions</li> <li>Sliding contact</li> </ul>
<b>Power</b>	DC + 5V
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>Power on 130mA max</li> <li>IC Card Read / Writing : 150mA Max</li> <li>IC Contact Resistance : 0.5 Ohm max between two line</li> </ul>
<b>Operating Systems</b>	<ul style="list-style-type: none"> <li>Windows 95, 98, ME, NT, 2000, 2003, XP</li> <li>Windows Vista 32 &amp; Vista 64</li> <li>Unix</li> <li>Linux</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>Antenna Board: 70.05 x 70.03 mm</li> <li>Control Board:76.07 x 78.26 mm</li> </ul>
<b>Operating Conditions</b>	-20°C~60°C
<b>Weight</b>	150g
<b>Approvals</b>	CE, FCC, RoHS, ISO 14443, ISO 15693, ISO 7816

### Features

- Combines ISO 7816 contact and ISO 14443 Contactless reader
- Easy-to-install for standard single-gang electrical switch box
- Serial interface available: RS 232/TTL/USB
- Read and write functionality
- Anti-Collision procedure support
- Support SAM module (Optional, up to 4)
- Hybrid Contact smart card reader ISO 7816 (Optional)
- 1 ISO-sized slot (ISO 7816 1 and 2)
- 2 LEDs (red/green)
- Case color & company logo customizing options

### Application

- Kiosk/ATM/POS terminal
- Flap type Entry/Exit gate
- Digital door lock
- Credit card checker
- Taxi Terminal
- Bus card validation terminal
- Access control system



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