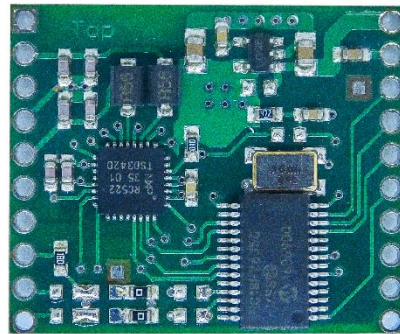


Datasheet

RFID module Mifare



The RFID module Mifare from Smart Technologies is designed for integration into terminals or handheld readers.

With the Mifare module you can read all common transponder or ISO cards from the ISO 14443A range.

The compact size, the integrated interfaces and a power supply of 3.3V to 5V enable a significant application advantage over conventional modules.

Highlights:

- Customer-specific outputs can be realized
- Read mode
- External antenna available
- Support for all common ISO14443A tags
- Support for external antennas with 50 Ohm
- Low power consumption

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Technical specifications	
Operating voltage	3,3V – 5V DC (± 5%)
Power consumption	<125 mA
Frequency	13,56 MHz
Operating distance	Up to 8 cm*
RF Antenna	External (optional)
Interfaces:	UART 9600 Baud 8 N 1

* Reading distance depends on tag and environmental conditions

Mechanical specifications	
Dimensions (Lx Bx H)	31 x 26 x 4 mm
Weight	4 g

Environmental conditions	
Operating temperature	- 20°C up to + 65°C
Storage temperature	- 20°C up to + 70°C
Humidity	Up to 95%, non-condensing
RoHs compliant	

Supported Standards	
ISO 14443 A	LEGIC® Advant 1024 / 2048 MIFARE® Classic/1K/4K MIFARE Ultralight®/C MIFARE® DESFire®EV1/2M MIFARE® Plus S / X NTAG 21x