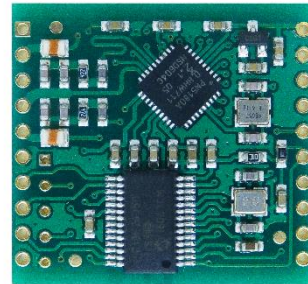


Datasheet

RFID-/NFC module Multi ISO



The RFID-/NFC module Multi ISO by Smart Technologies is an inexpensive compact module based on the latest NXP chip.

With the RFID-NFC module Multi ISO you can read all common transponders or ISO cards from the ISO 1444/B, ISO 15693 and ISO 18092 range.

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

Highlights:

- Reading mode
- External antenna available
- Support for all common ISO14443A/B, ISO 15693 and ISO18092 transponders
- Support for external antennas with 50 Ohm
- Low power consumption

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Technical specifications	
Operating voltage	5V via USB 3,3V – 5V DC ($\pm 5\%$)
Power consumption	<65 mA
Frequency	13,56 MHz
Operating distance	Up to 8 cm*
RF Antenna	External (optional)
Interfaces:	UART 9600 Baud 8 N 1 USB HID (Keyboardemulation)

*Reading distance depends on tag and environmental conditions

Mechanical specifications	
Dimensions (Lx Bx H)	30,48 x 25,40 x 4 mm
Weight	4 g
Grid dimension	2,54

Environmental conditions	
Operating temperature	- 20°C up to + 75°C
Storage temperature	- 40°C up to + 80°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
ISO 15693 and compatible	LEGIC® Advant 1024 / 2048 NXP I-Code SLI NXP I-Code SLI-S NXP NTAG 20x