Datasheet
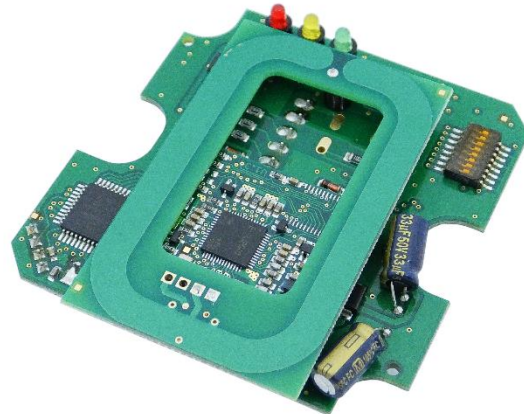
Integration PCB MCR Mifare

The RFID integration PCB MCR (Multi Card Reader) Mifare was developed for universal and easy integration into existing housings.

A wide selection of software programs and interfaces allows this reader to be used in all kinds of applications.

The integration PCB MCR Mifare reader is available with the following interfaces: **USB HID Keyboard emulation, RS232, RS485, Wiegand, Clock/Data**

An additional screw terminal is supplied for the connection terminal integrated on the rear. This simplifies installation.

Highlights:
  ➢ Integrated antenna
  ➢ LED and Beeper on board
  ➢ Firmware Upgrade possible
  ➢ Also available as fully potted assembly reader in a housing

Technical specifications	
Operating voltage	5V DC via USB 12V – 24V DC
Power consumption	< 125 mA
Operating frequency	13,56 MHz
Operating distance	Up to 10 cm*
RF Antenna	Integrated
Status	3x LED 1x Beeper
Interface options	USB HID (Keyboard emulation) RS232 RS485 Wiegand Clock / Data

*Reading distance depends on tag and environment conditions

Mechanical specifications	
Dimensions (Lx Bx H)	76 x 76 x 10 mm
Weight	34 g

Environmental conditions	
Operating temperature	- 20°C up to + 60°C
Storage temperature	- 20°C up to + 70°C
Humidity	up to 95%, non-condensing

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

Accessories
Screw terminal