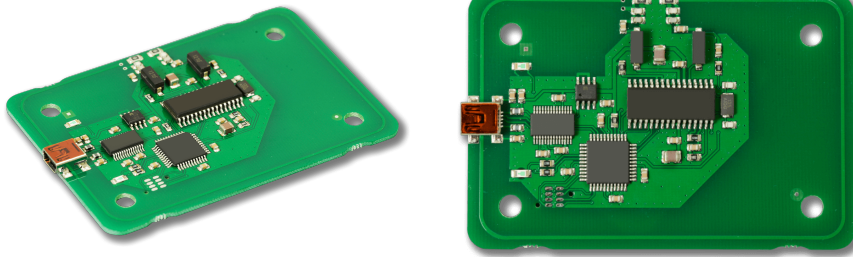


UM14 HF Embedded Mifare Module

Art. no.:
22000048



- Mifare compatible
- Power over USB
- NRND (Don't use in new designs)

UM14 HF Embedded Mifare Module

You are looking for a complete RFID module using MIFARE[®] technology with an internal antenna to integrate into your own device? Do you have a USB interface on your host system? The UM14 RFID module is the perfect product for you.

The credit card-sized module communicates via USB with the host and is also supplied with 5V DC. With the integrated antenna, a read range of up to 50 mm is possible depending on the tag type and its size. Mounting holes allow an easy installation in most situations. The device reads and writes using the MIFARE protocols MIFARE[®] Classic and MIFARE Ultralight[®].

The free Windows demo software enables you to quickly test all features of the reader. If you are looking for a finished product with these features, the DeskID MF is the right device for you.



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Technical Specification

Operating Principle	ISO14443A/Mifare Embedded RFID Module
Operating Frequency	13.56MHz (worldwide)
Antenna Connector	60 x 90 mm integrated antenna
Output Power	250 mW
Read Range	up to 50 mm
Supported Protocols	ISO14443A (ID only), Mifare Classic, Mifare Ultralight
Connectivity	Mini USB (virtual COM Port)
Operating Voltage	5V DC via USB
Power Consumption	idle: 15 mA, RF on: max. 120 mA
Temperature Range	-20 °C to +70 °C
Dimensions	60 x 90 x 5 mm

About Metratec

Metratec develops, produces and sells Radio electronics for the areas of "Identification", "Localization", and "Communication" and thus serves a variety of markets with standard products as well special solutions. Customers include OEM customers, system integrators and research facilities worldwide.

