

Promag RF310 and RF320 are low cost, high performance proximity / RFID reader modules featuring low power and small dimensions.

The modules allow existing installations or applications to upgrade seamlessly, keeping most of their hardware architecture.

These high performance 125kHz/134.2kHz RFID (RF310) and 13.56MHz (RF320) oem modules offer a read range of up to 30mm

Features

- Low Profile
- Low Power Consumption
- Read UID only
- Reading distance up to 30mm
- 125kHz or 134.2kHz (RF310)
- 13.56 MHz frequency (RF320)
- Available with 3 mounting types
Type 0, Type 1 and Type 2
- Available with 3 different interfaces:
USB
RS232
Serial (UART)

Applications

- Data Collection
- Handheld Devices
- Smart Mobile Devices
- Access Control / Security

Ordering Information:

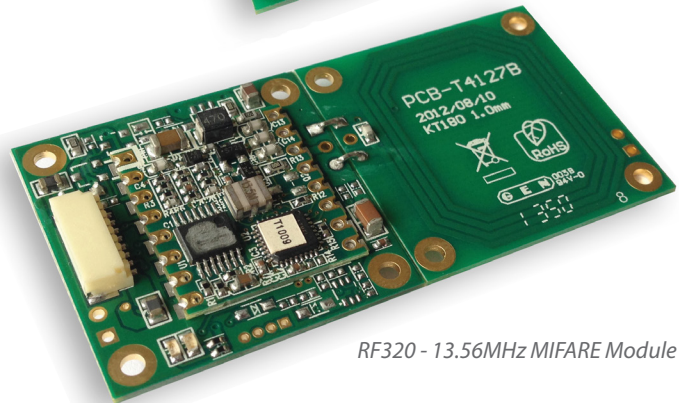
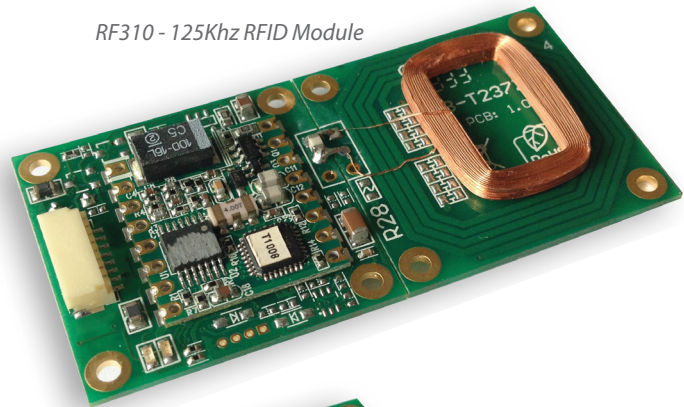
125kHz RFID Module

- RF310U USB (Virtual COM)
- RF310HK USB (HID Keyboard)
- RF310R RS232
- RF310L Serial (UART)

13.56MHz Module

- RF320U USB (Virtual COM) module
- RF320HK USB (HID Keyboard) module
- RF320R RS232 module
- RF320L Serial (UART) module

RF310 - 125Khz RFID Module



RF320 - 13.56MHz MIFARE Module

Model No.	RF310	RF320
Frequency	125kHz or 134.2kHz	13.56MHz
Supported Card Types	EM 64bits ASK or ISO 11784 / 11785 FDX-B	MIFARE ISO14443A MIFARE Ultralight® MIFARE DESFire®
Dimensions (L x W x H)	60 x 30 x 7.8 mm	
Interface	USB HID Keyboard, USB Virtual COM, RS232, Serial TTL	
Read distance	Up to 30mm	
Power	Active 80mA @ 5VDC	
Environment	Operating Temperature 0°C ~ +60°C Operating Relative Humidity 10~90%	

Mounting Types:

Type 0:



Type 1:



Type 2:

