

MP30 - 13.56MHz Read/Write Module

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Promag MP30 is an OEM read/write module with antenna designed for simple integration. The Serial TTL-interface can be directly connected to microprocessors and easily converted to RS232 serial interface.

The typical reading range of the module is up to 20-40mm depending on the antenna and TAG.

An RFID module for all popular 13.56MHz RFID/contactless standard protocols, the MP30 supports and is compatible with all major global secured baseband ISO standards including ISO14443 Type A, Type B, and Smartlabel ISO15693.

The MP30 is well suited for mobile devices due to its low power consumption and low operating voltage from 5V. The on-chip 3.3V regulators are provided to stabilise chip power and simultaneously supply power to the external companion microcontroller up to 120 mA.

The MP30 support the DLL and easy to control this module, The ActiveX Control can be used to develop in VB .NET , C# etc

Features

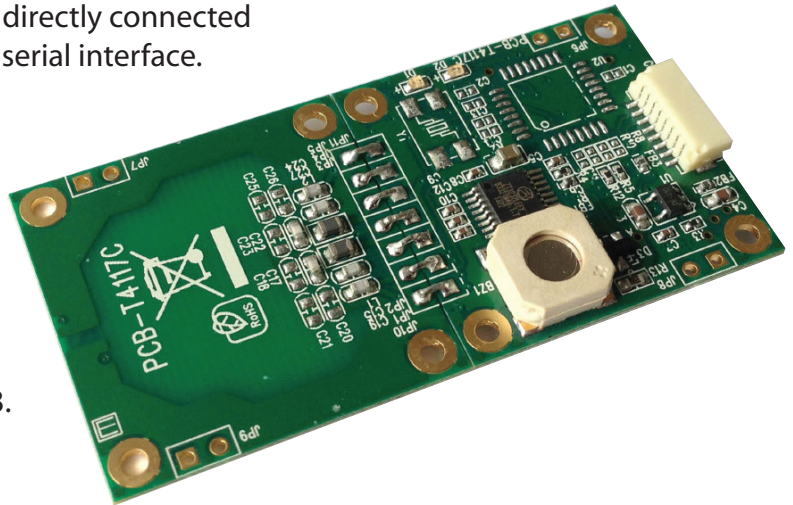
- Low Profile
- Low Power Consumption
- Read distance 20-40mm (depending on tag/antenna)
- 3 mounting types (see below)

Applications

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

Ordering Information:

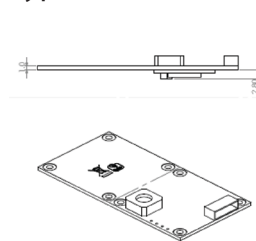
- MP30R - RS232 interface
- MP30L - Serial TTL interface
- MP30U - USB (Virtual COM) interface
- MP30H - USB (HID) interface



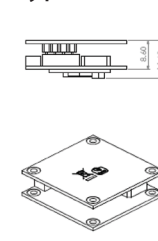
Interface	RS232, Serial TTL, USB (Virtual COM), USB(HID)
Power	Active 120mA @ 5VDC
Dimensions	60 x 30 x 7.8 mm
Mode	Read / Write
Max. reading distance	20mm to 40mm
Frequency	13.56MHz
Supported Card Types	ISO14443A ISO14443B ISO15693 ISO14443-3 ISO14443-4 NFC1-4 TAGs
Environment	Operating Temperature 0°C ~ +50°C; Operating Relative Humidity 10~90%

MP30 Mounting Types:

Type 0:



Type 1:



Type 2:

