Embedded Dual Frequency RFID Module

The MP30T is a versatile RFID module that operates on both 125KHz and 13.56MHz frequencies, making it ideal for integration into security controllers and Auto-ID devices. It supports ISO 14443A, ISO 14443B, and ISO 15693, ensuring compatibility with the majority of 13.56MHz RFID cards available on the market.
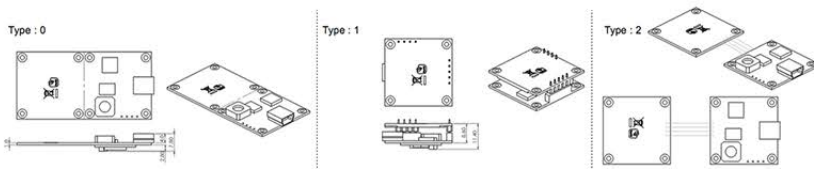
With its compact design, three antenna options, and low power consumption, the MP30T is particularly well-suited for integration into portable devices.

This module enables seamless upgrades for existing installations and applications, allowing users to retain most of their current hardware architecture while benefiting from advanced 125KHz and 13.56MHz RFID technology.

Specifications:

Frequency	125KHz & 13.56MHz
Power requirement	Active 170mA @5VDC
Card type	**125KHz** EM compatible **13.56MHz** NFC 1~4 TAGs ISO 14443A/B ISO 15693
Interface	RS232, TTL, USB(HID, Keyboard, CCID, PC/SC)
Dimension	Type 0: 60(L) x 30(W) x 7.8(H) mm Type 1: 30(L) x 30(W) x 11.4(H) mm Type 2: 30(L) x 30(W) x 7.8(H) mm
Operation temperature	0 ~ 60 degree C
Humidity	10~90%

＊Specification is subject to change without notice.

Applications:

- Keyless access for electric vehicles
- Data Collection
- Portable application
- Mobile smart point of sales
- Prepay system

Order information:

- MP30TL: Serial TTL interface
- MP30TR: RS232 interface
- MP30TH: USB interface

** single frequency (125KHz or 13.56KHz only) is available

Features:

- Supports ISO 14443A, ISO 14443B, ISO 15693
- Supports plug-and-play USB devices with CCID and PC/SC
- Supports FIDO for USB
- Ultra compact size
- Featuring low power consumption
- Available with 3 antenna options, Type 0, Type 1 and Type 2
- Supports PSIA (PKOC)

Optional accessory for the 1st test:

- WAS-T0624: USB cable
- WAS-T0625: RS232 cable

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Type : 0　　　Type : 1　　　Type : 2