RC522 MFRC-522 RFID Module

▪ RFID-RC522 module
▪ Standard S50 blank card
▪ S50 alien card a key chain shape (as shown)
▪ straight and bend pin header each 1 pc

MFRC522 is applied to **13.56MHz contactless communication** highly integrated chip card reader, is NXP for the "Three Tables" application launch of a low-voltage, low-cost, small size and non-contact card reader chip, smart instrumentation and portable handheld devices developed better choice.

MF RC522 using advanced modulation and demodulation concept completely integrated in all types of 13.56MHz passive contactless communication methods and protocols. Support 14443A compatible transponder signals. The digital part handles ISO14443A framing and error detection. In addition, support fast CRYPTO1 encryption algorithms, terminology validation MIFARE products.

 MFRC522 supports MIFARE Series higher speed non-contact communication, two-way data transfer rates up to 424kbit / s. As a highly integrated 13.56MHz card reader new family of chips, **MF RC522 MF RC500 and MF RC530** and there are many similarities, but also have many features and differences. It is between the host communication using SPI mode, helps to reduce connection, reduce PCB board size and cost.