

RFID RC522 Module Card Read Antenna RF Reader IC Card Proximity Sensor

This low cost MFRC522 based RFID Reader Module is easy to use and can be used in a wide range of applications.

The MFRC522 is a highly integrated reader/writer IC for contactless communication at 13.56 MHz.

Features:

- MFRC522 chip based board
- Operating frequency: 13.56MHz
- Supply Voltage: 3.3V
- Current: 13-26mA
- Read Range: Approx 3cm with supplied card and fob
- SPI Interface
- Max Data Transfer Rate: 10Mbit / s
- Dimensions: 60mm x 39mm

The Oyster travel cards used in London are compatible with this reader.

Package contents

- 1 x Mifare RC522 Card Read Antenna RF Module
- 1x RFID plain white Card
- 1x RFID FOB
- 1x 8pin right angle header pins
- 1x 8pin straight header pins

Arduino Wiring

RC522 MODULE	UNO	MEGA
SDA (SS)	D10	D53
SCK	D13	D52
MOSI	D11	D51
MISO	D12	D50
PQ	Not Connected	
GND	GND	GND
RST	D9	D9
3.3V	3.3V	3.3V