

Key Studio PN532 NFC CARD READER MODULE FOR ARDUINO RPI

Module: SMP0044 / 180707

Introduction

Keyestudio PN532 NFC/RFID Controller Shield based on PN532 chip is used for field communication close to 13.56MHz. This shield is equipped with an antenna onboard, so there is no external antenna coil. It is compatible with SPI, IIC, UART interface to communicate. When using it, directly stack it onto UNO R3 control board.

Specification:

Chip : NXP PN532
Working Voltage : 3.3V
Power Voltage : 3.3~5.5V
Max Power Current : 150mA
Working Current (standby mode): 100 mA
Working Current (write mode): 120 mA
Working Current (read mode): 120 mA
Pointer: PWR
The longest effective communication distance is 2.4 cm
Support SPI, IIC, UART interface switching.
Can be used for 13.56M non-contact communication.
Compatible with ISO14443 TYPE A and B standard.
Dimensions: 69mm x 54mm x 24mm

For instructions see link:

http://wiki.keyestudio.com/Ks0259_keyestudio_PN532_NFC/RFID_Controller_Shield