ITEAD PN532 NFC Module

Overview

ITEAD PN532 NFC module, as its name implies, is based on PN532 chip and used for 13.56MHz near field communication. The module is equipped with onboard antenna, thus no external antenna coil is needed. It is compatible with SPI, IIC and UART interface for communication. With NFC library support for Arduino and Raspberry Pi offered by us, it is quite convenient for development of products with NFC functions.
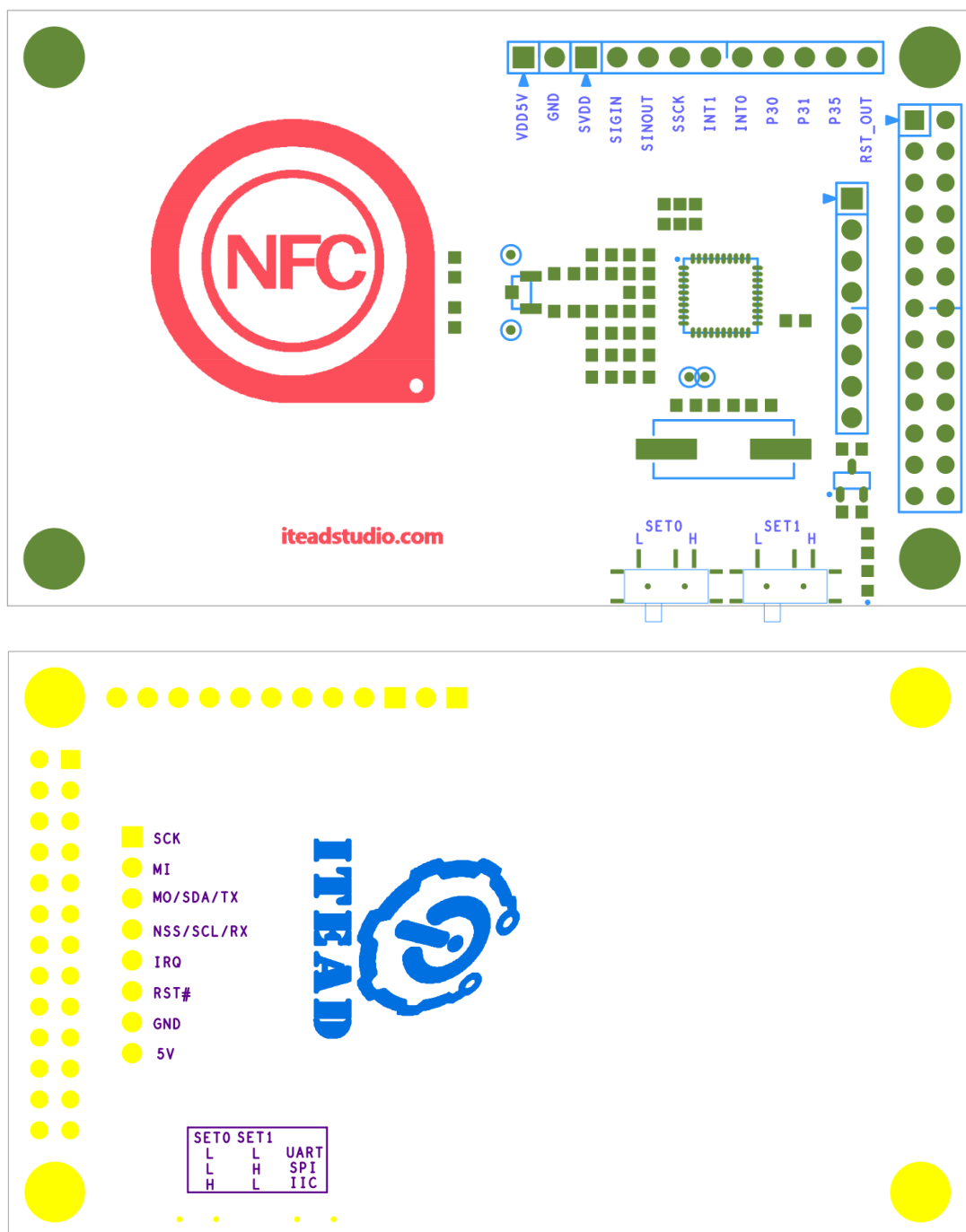
Features

- Longest effective communication distance of 3 cm
- Supports switching of SPI, IIC and UART interface.
- Can be used for 13.56M non-contact communication
- Compatible with ISO14443 Type A and Type B standards

Specifications:

IC	NXP PN532
Operating Voltage	3.3V
Power Supply Voltage(recommended)	3.3~5.5V
Max Supply Current	150mA
Working Current(Standby Mode)	100mA
Working Current(Write Mode)	120mA
Working Current(Read Mode)	120mA
Indicator	PWR
Interface	SPI Interface, Std Raspberry Pi 20pins Interface

Hardware

There are two slide switches on the board for selection of interface mode:

	SET0	SET1
UART	L	L
SPI	L	H
IIC	H	L