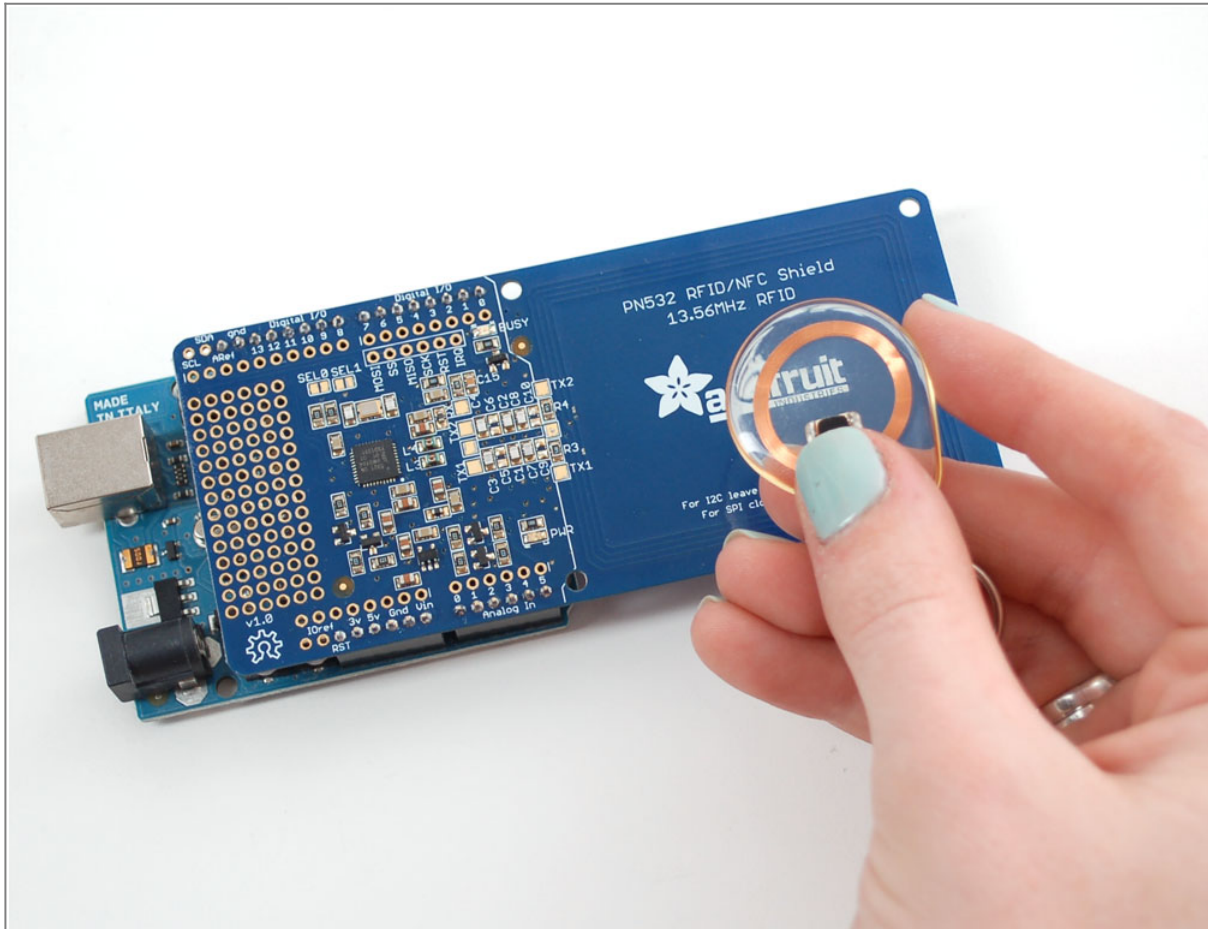
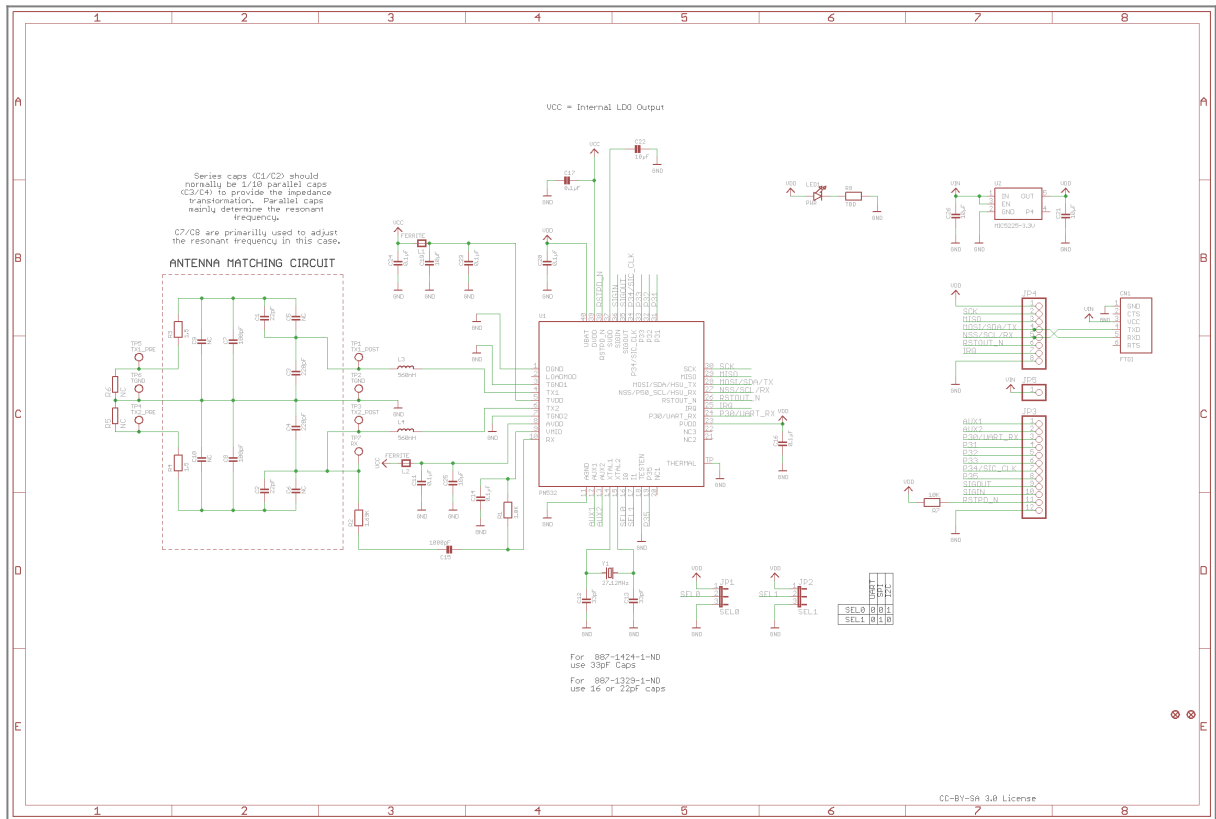


# Adafruit PN532 RFID Breakout Board with ESP32

- NXP PN532 Datasheet: [PN532\\_C1.pdf](#)



Source: <https://learn.adafruit.com/adafruit-pn532-rfid-nfc?view=all>




Source: <https://learn.adafruit.com/adafruit-pn532-rfid-nfc/downloads>

## Serial Interface Signals

SPI	I2C	UART
SCK		
MISO		
MOSI	SDA TX	
NSS	SCL RX	
<b>Common</b>		
IRQ		
RSTOUT_N		
VDD/3.3V		
GND		

## Antenna Design

- Adafruit: [https://cdn-shop.adafruit.com/datasheets/PN532\\_AntennaDesign\\_v1.0.pdf](https://cdn-shop.adafruit.com/datasheets/PN532_AntennaDesign_v1.0.pdf)
-  NXP AN1445 + Excel Sheet to optimize antenna:  
[https://www.nxp.com/docs/en/application-note/AN1445\\_An1444.zip](https://www.nxp.com/docs/en/application-note/AN1445_An1444.zip)

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