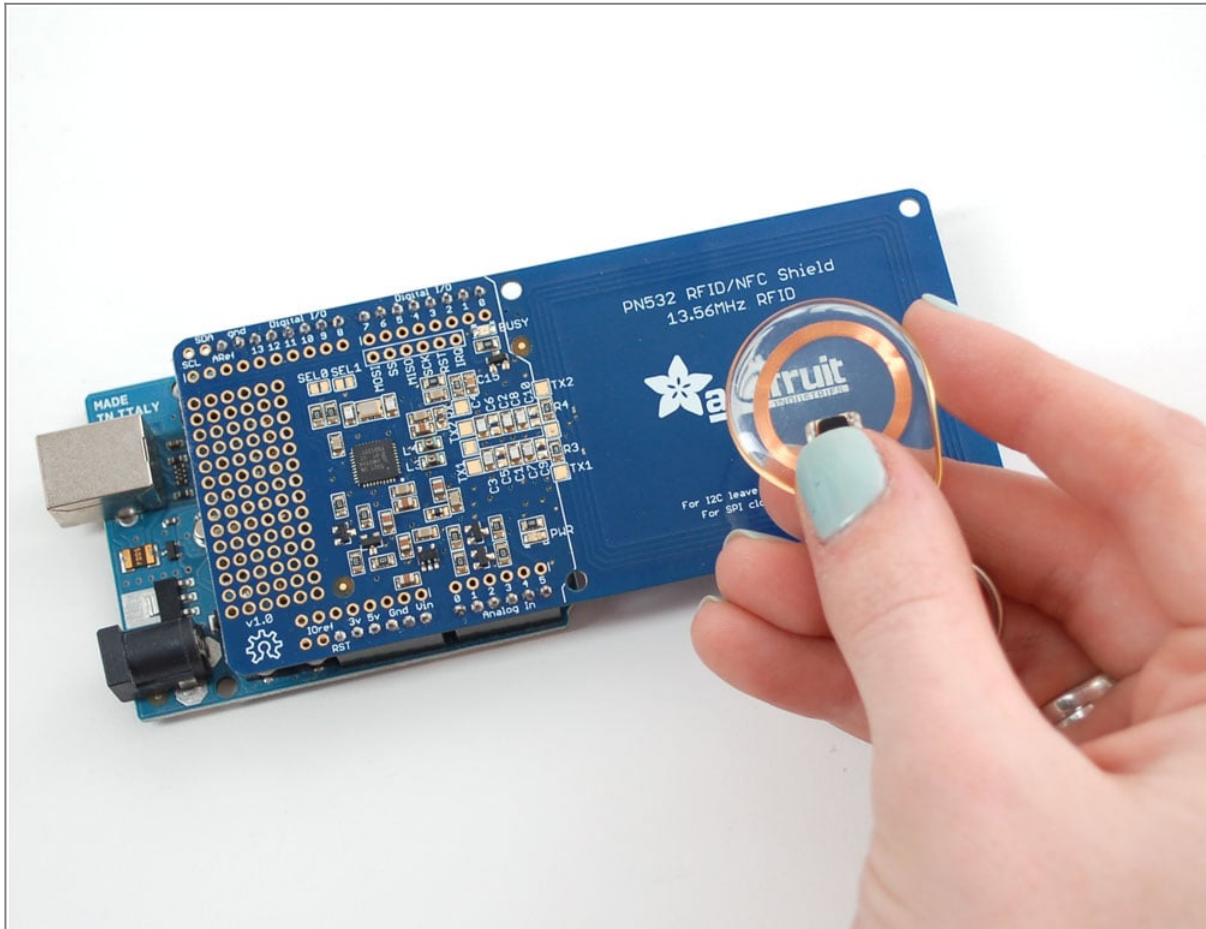
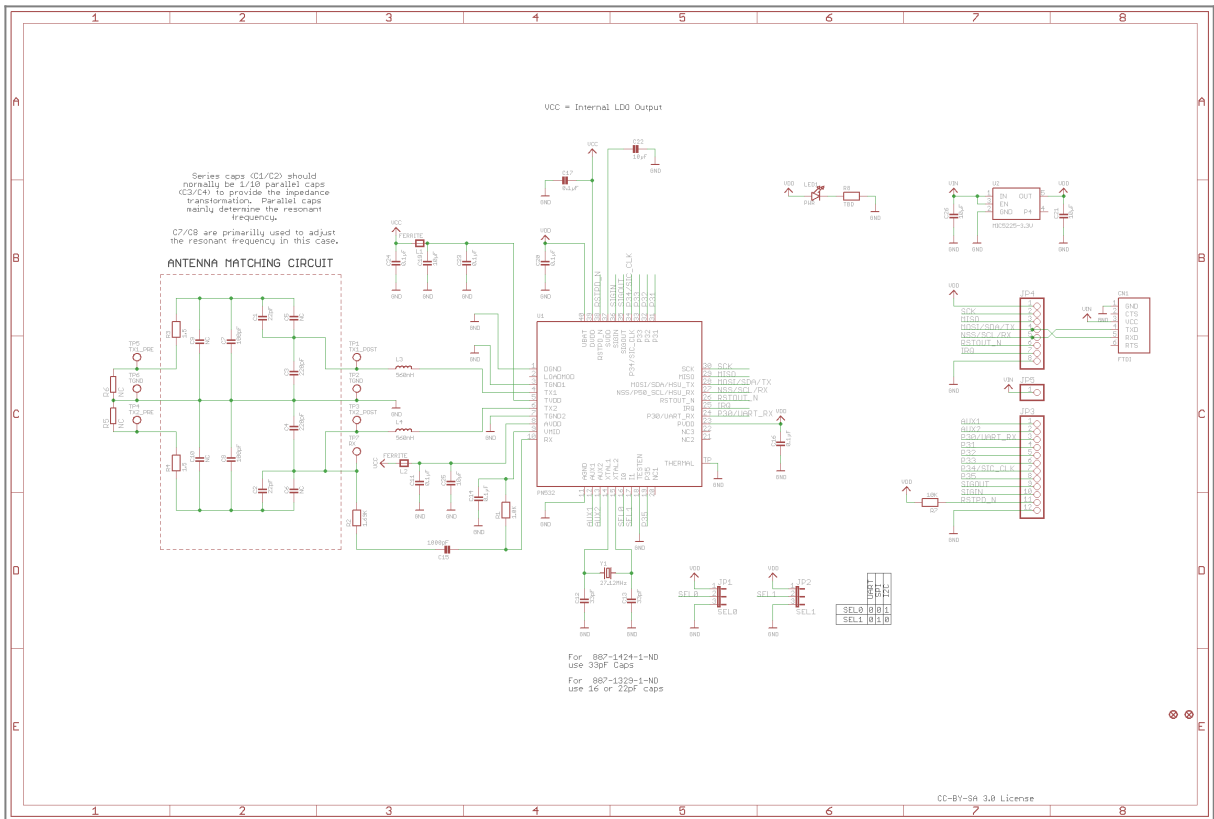


Adafruit PN532 RFID Breakout Board with ESP32

- 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	
Common		
IRQ		
RSTOUT_N		
VDD/3.3V		
GND		

Antenna Design

- Adafruit: 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

From:

<https://student-wiki.eolab.de/> - **HSRW EOLab Students Wiki**

Permanent link:

https://student-wiki.eolab.de/doku.php?id=amc:ss2024:chicken_check:nxp_rfid:adafruit_pn532

Last update: **2024/07/30 14:30**

