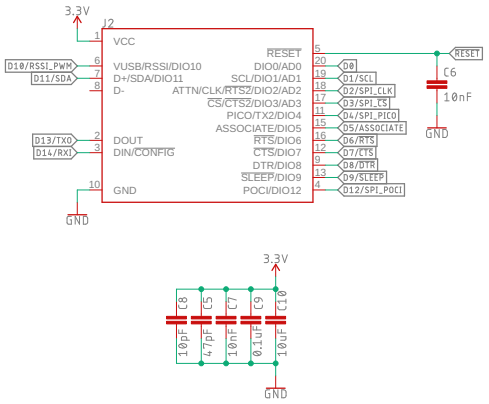
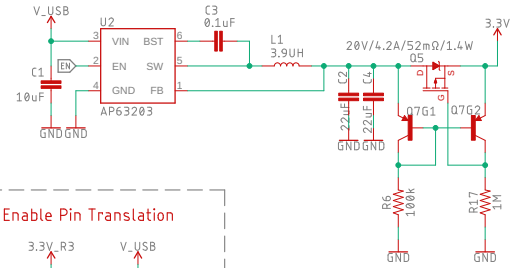
RF Module – XBee Module

VCC Range: 2.7V – 5.5V
Check Datasheet for your specific module.

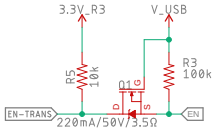


Buck Converter – AP63203

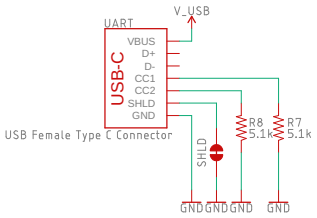
VIN: 3.8 – 6V
Iout: 2A Max



Enable Pin Translation

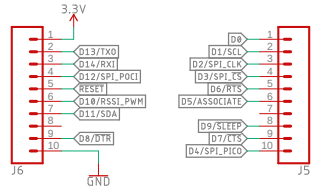


USB-C



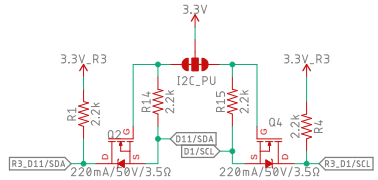
Cut SHLD jumper to disconnect USB Shield from Ground.

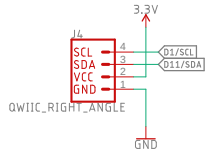
0.1" Headers



Qwiic – I2C

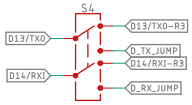
Cut I2C jumper to remove pullups.





UART Select

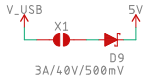
Note: Disconnect the UART lines when uploading to your R3/4 Board.



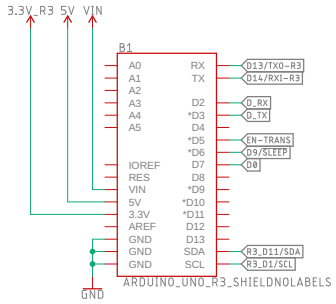
Cut jumpers to disconnect the alternate RX/TX pins from your R3/4 board.

Power Jumper

WARNING:
X1 Jumper connects Power from the SHIELD to the 5V rail on the connected R3/R4 BOARD.



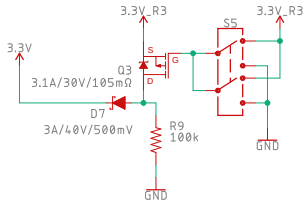
R3 Footprint Plated Through Hole



3v3 Source Selection

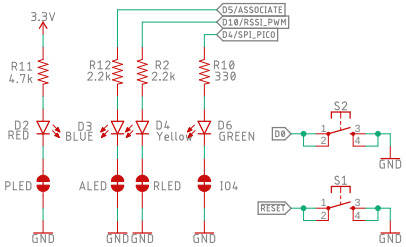
Flip the switch to the "R3/R4" position to allow the XBee Shield to be powered from R3/R4 Board.

Note: Some XBee 3 modules, namely those with GNSS and LTE capabilities, consume more power than is possible to be provided through the R3/4 board. Use the onboard USB-C connector in this case.



Buttons and LEDs

Cut respective jumper to sever power to LED.



Special Instructions

TITLE: SparkFun_XBee_Arduino_Shield_Qwiic	
Design by: Elias Santistevan	REV: v12
Date: 10/23/2023 10:56 AM	Sheet: 1/1