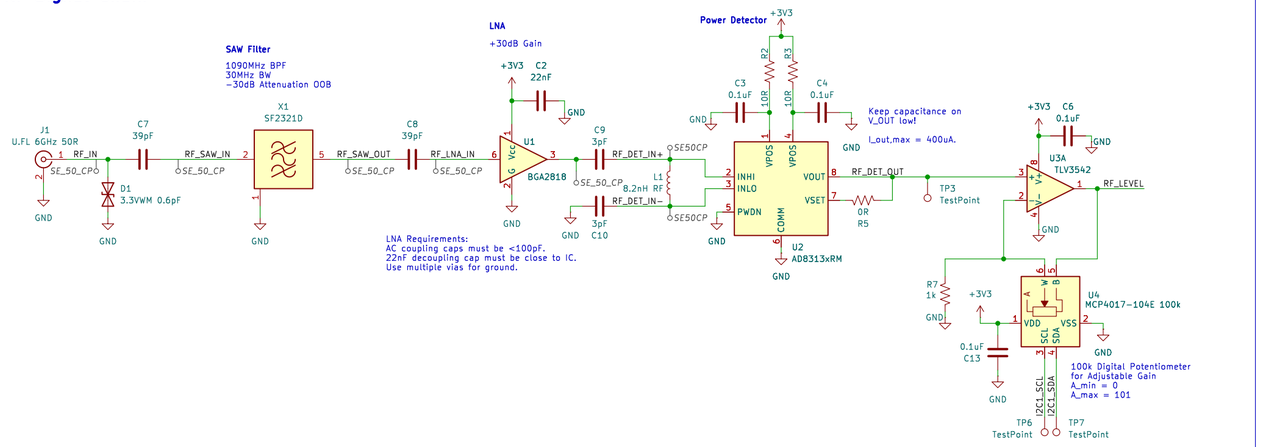
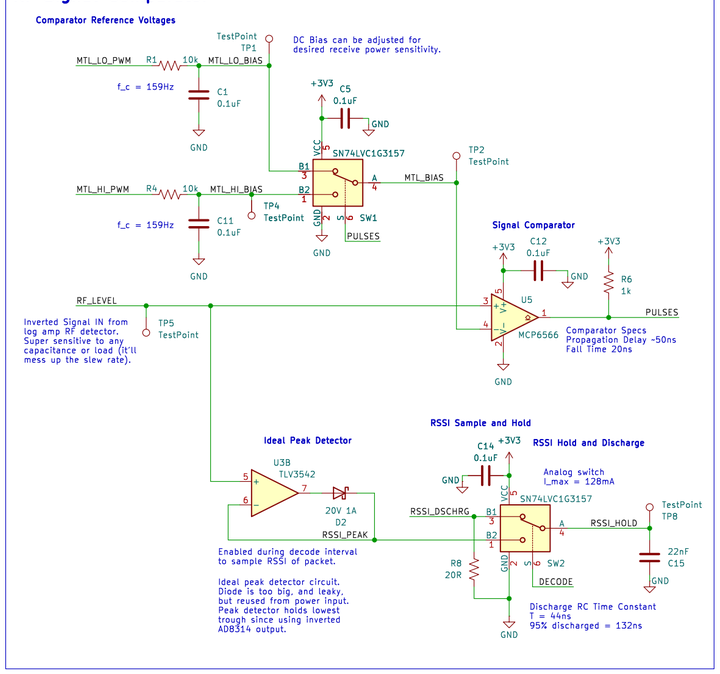
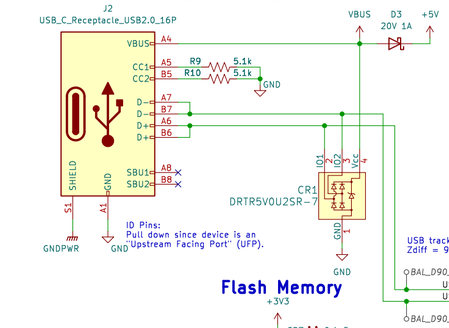
RF Signal Chain



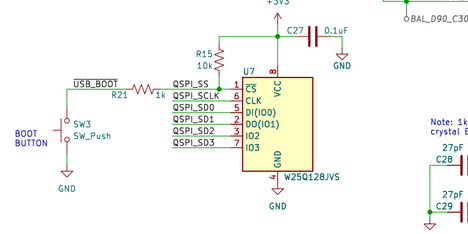
RF Signal Comparator



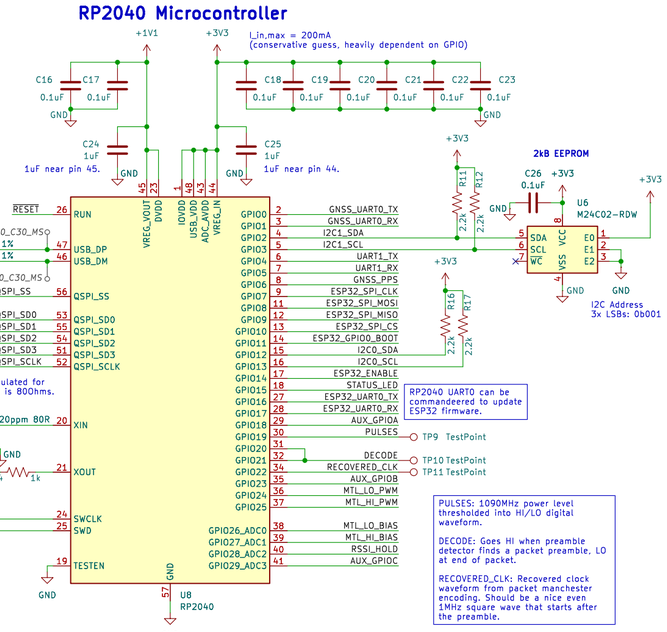
USB C Connector



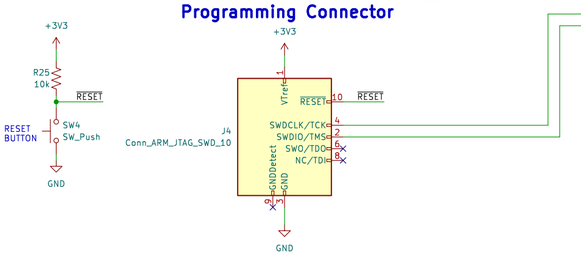
Flash Memory



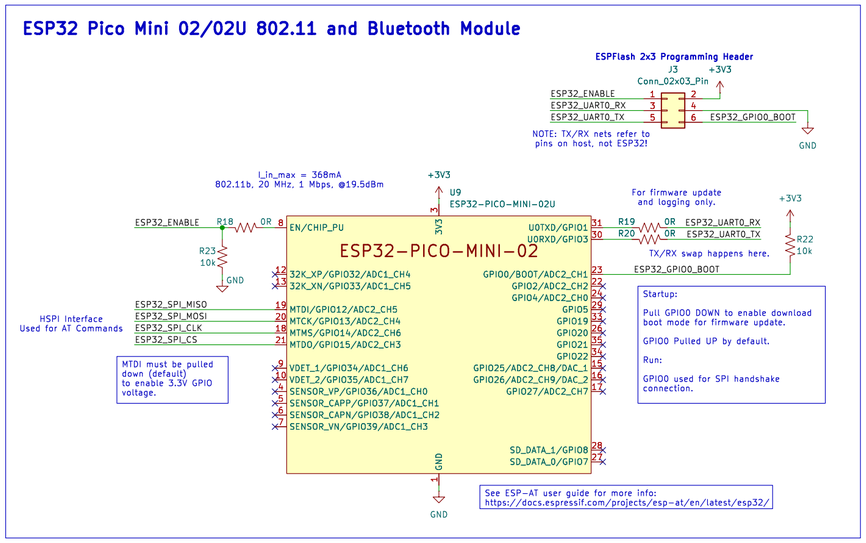
RP2040 Microcontroller



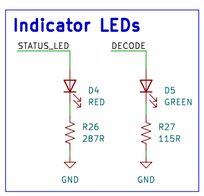
Programming Connector



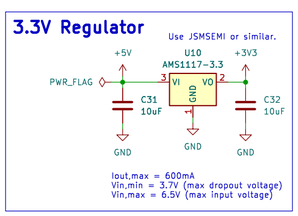
ESP32 Pico Mini 02/02U 802.11 and Bluetooth Module



Indicator LEDs



3.3V Regulator



TODO: add pmos polarity protection on 3.3V, make single row, add i2c pins

RP2040 Hardware Design Guide:
https://datasheets.raspberrypi.com/rp2040/hardware-design-with-rp2040.pdf

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