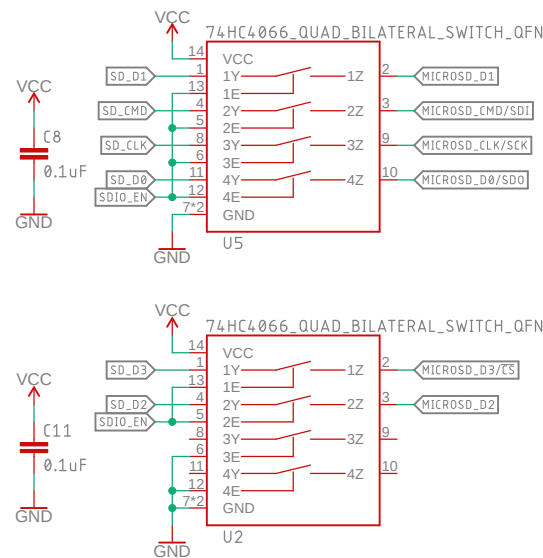
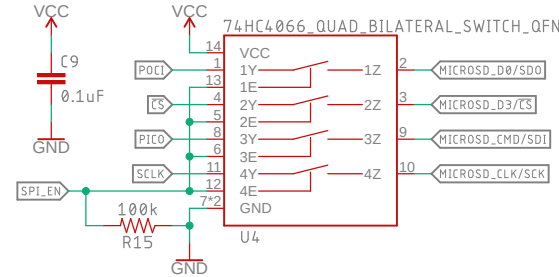


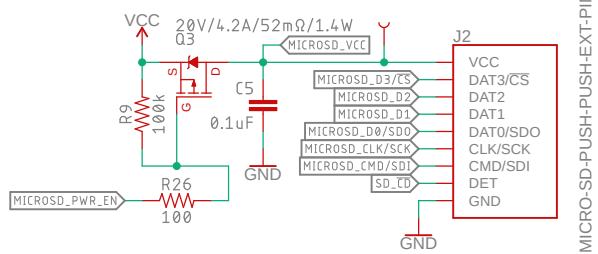
SDIO Buffers



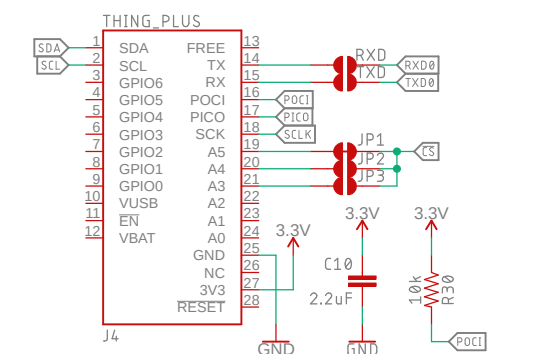
SPI Buffer



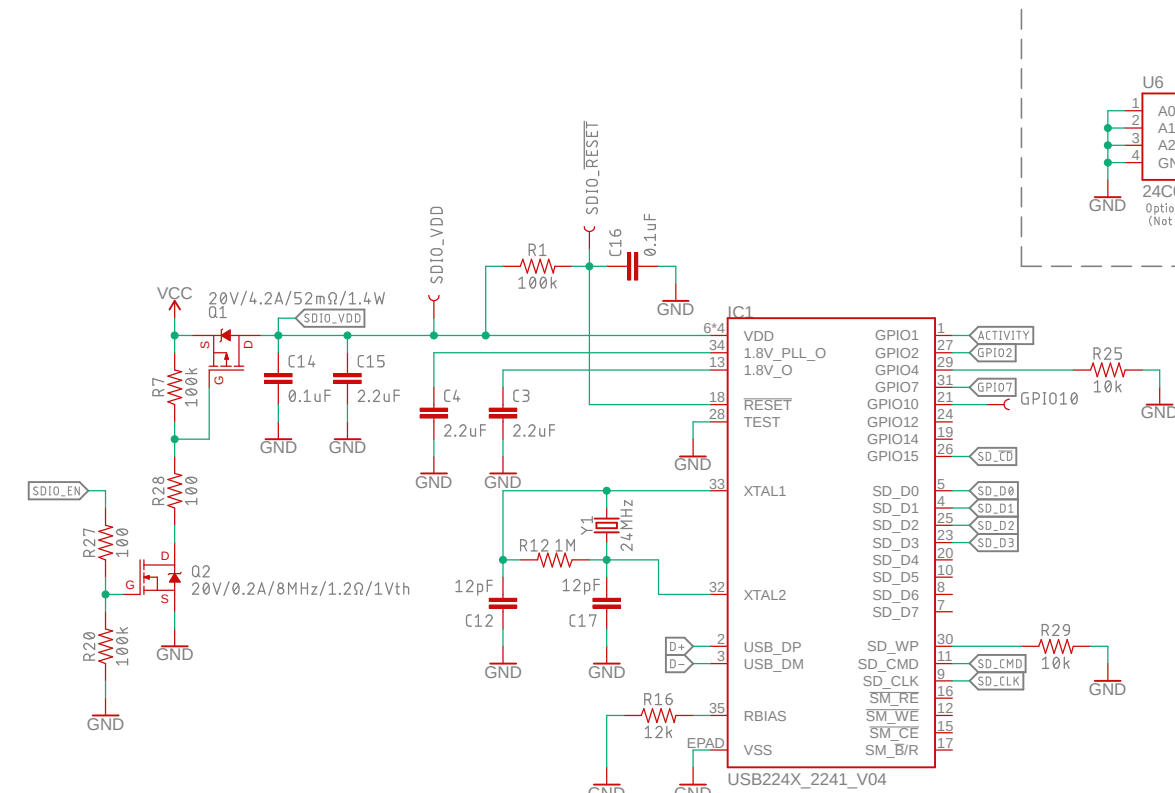
microSD Socket



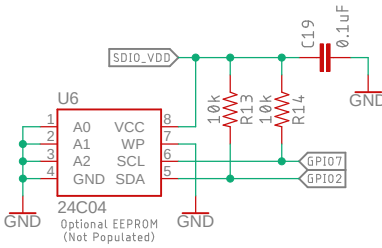
Thing Plus Footprint



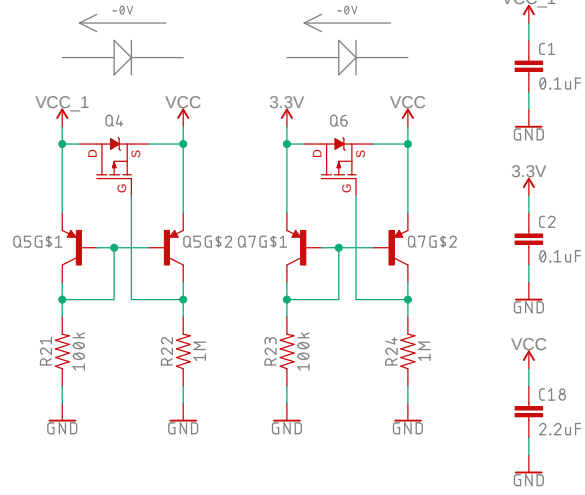
USB to SDIO Interface (USB2241)



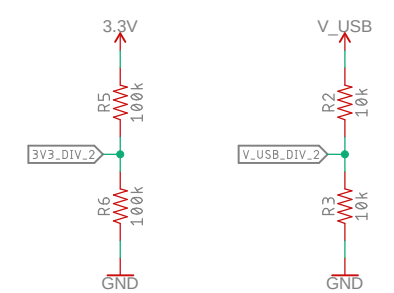
Optional EEPROM



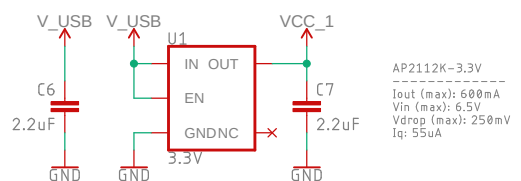
Power Mux



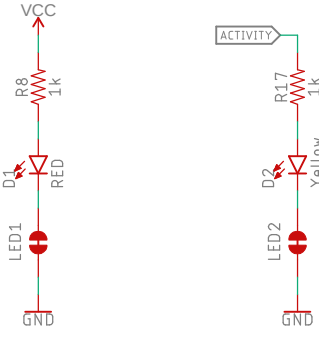
Voltage Sensing



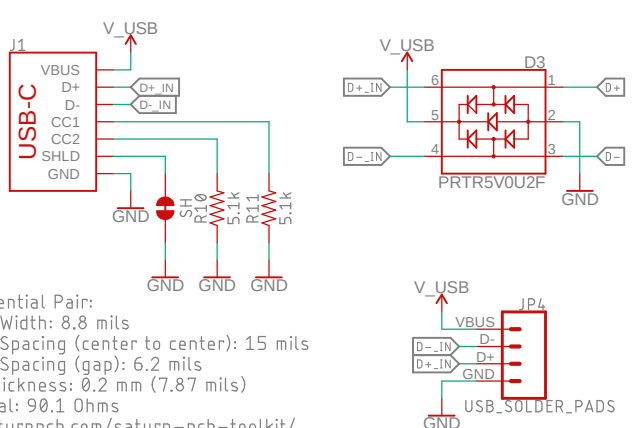
USB Voltage Regulation



LEDs

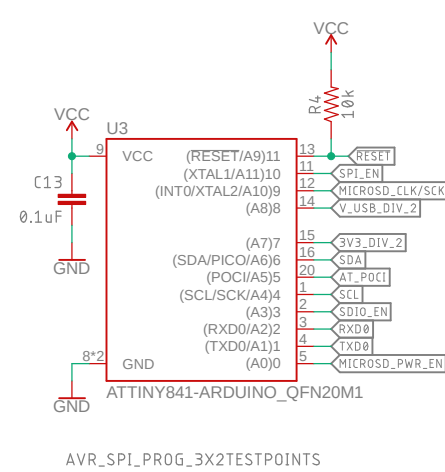


USB



USB Differential Pair:
Conductor Width: 8.8 mils
Conductor Spacing (center to center): 15 mils
Conductor Spacing (gap): 6.2 mils
Prepreg Thickness: 0.2 mm (7.87 mils)
Zdifferential: 90.1 Ohms
https://saturnpcb.com/saturn-pcb-toolkit/

ATTiny841



Close split pads to enable I2C pull-ups
(Be aware that VCC will then try to back-feed power to the Thing Plus)
Default I2C Address (Unshifted): 0x51
Address is programmable

