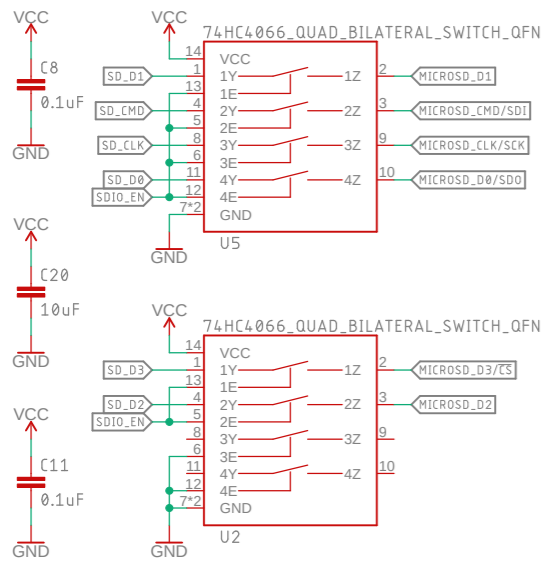
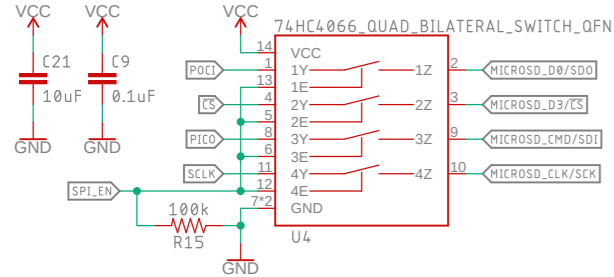


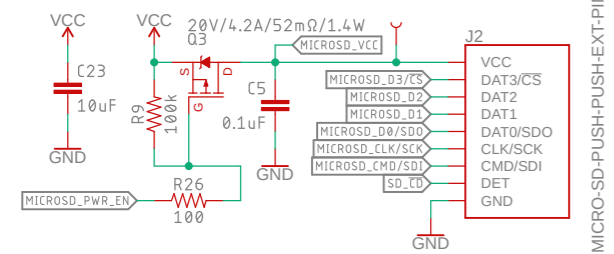
SDIO Buffers



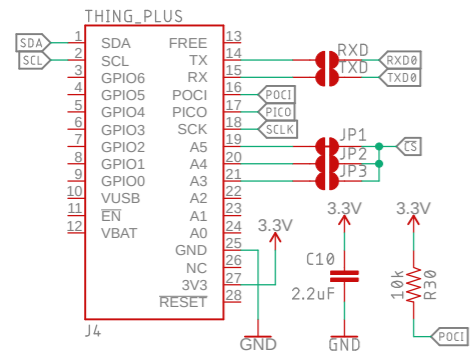
SPI Buffer



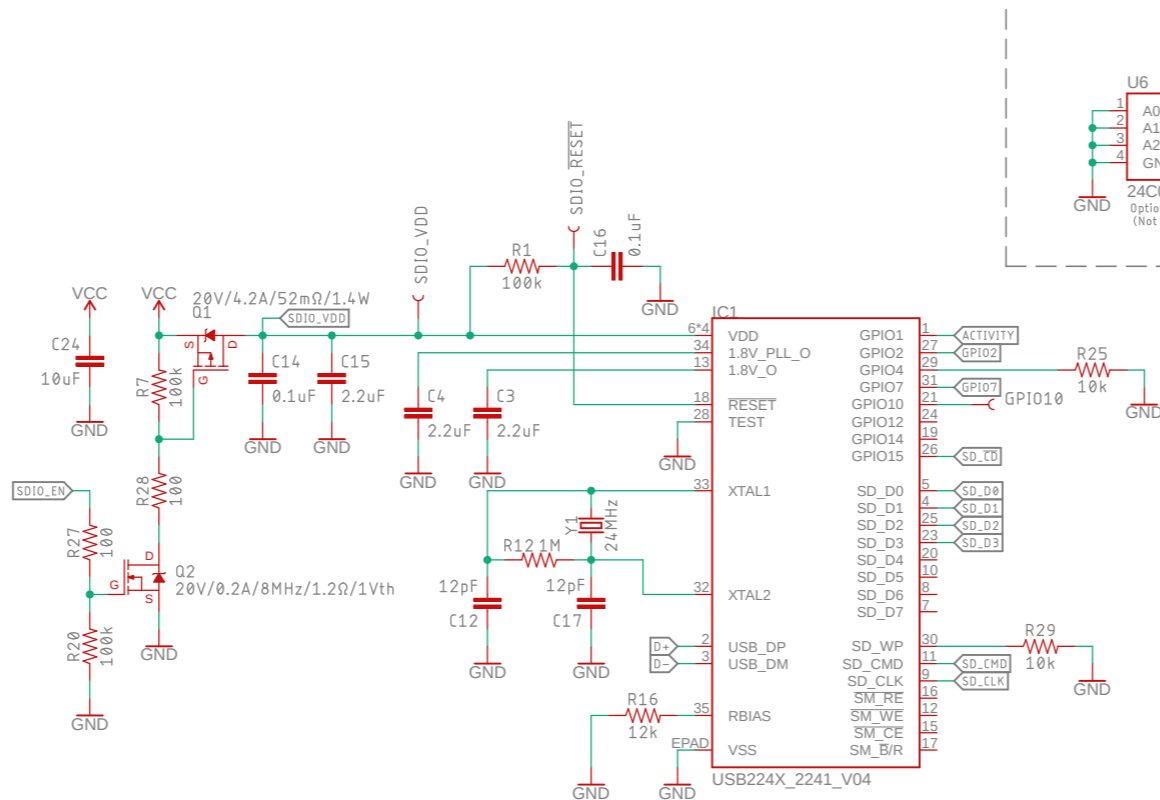
microSD Socket



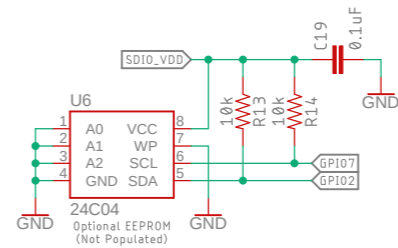
Thing Plus Footprint



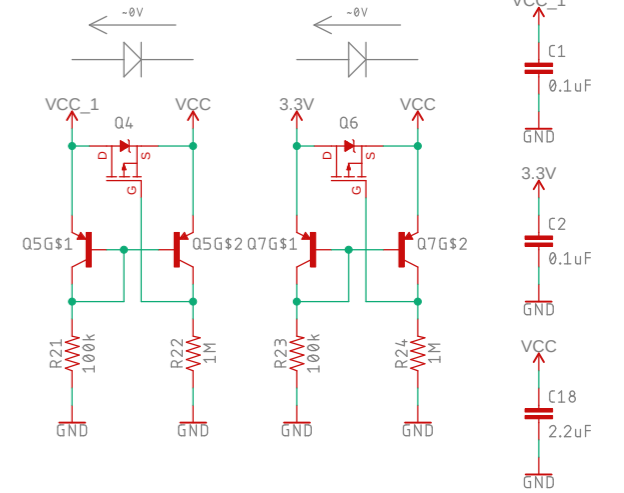
USB to SDIO Interface (USB2241)



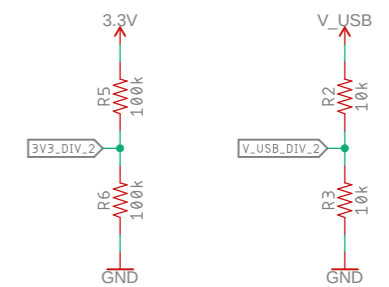
Optional EEPROM



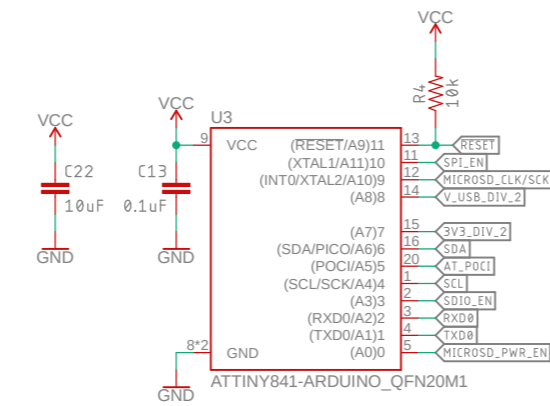
Power Mux



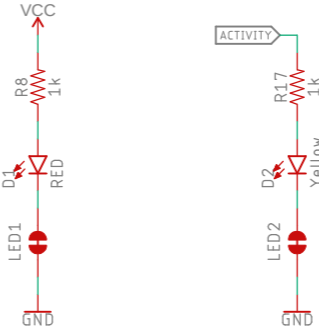
Voltage Sensing



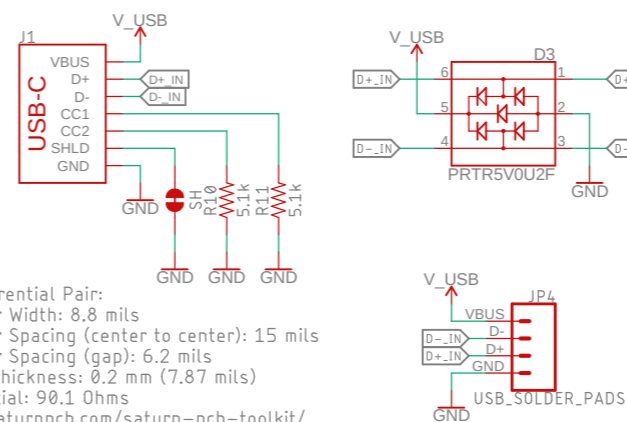
Attiny841



LEDs

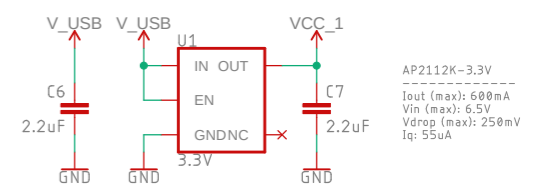


USB



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/>

USB Voltage Regulation



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TITLE: Dual-Port_Logging_Shield

Design by: Paul Clark

REV: v11

Date: 10/05/2022 10:15

Sheet: 1/1