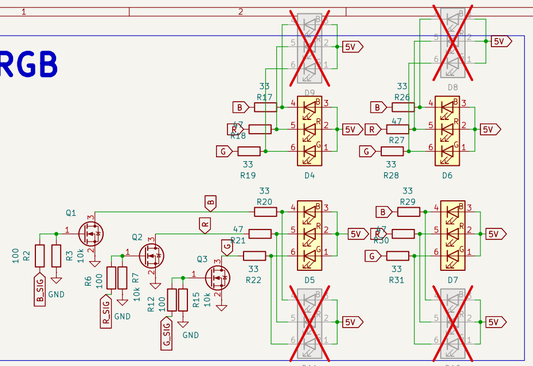
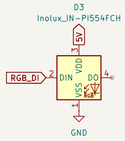
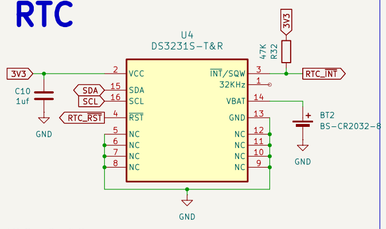
RGB



NEOPIXEL

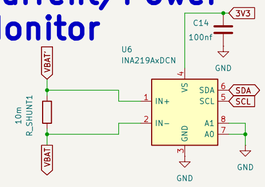


RTC



I2C: 0x68

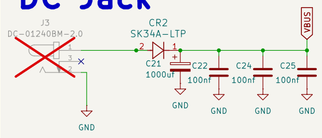
Current/Power Monitor



I2C: 0x40

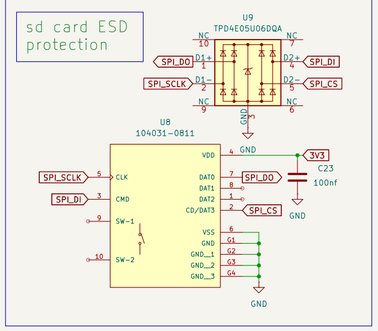
- terminal for vbat disconnection switch
- turn Analog input 3 & 4 to 4–20mA receivers using 150ohm shunt resistor to GND
- remove redundant i2c jst
- add 4 wall mount right angle aviation ports
- add one wall mount right angle DC jack
- move all RS485 pins to 38–41

DC Jack

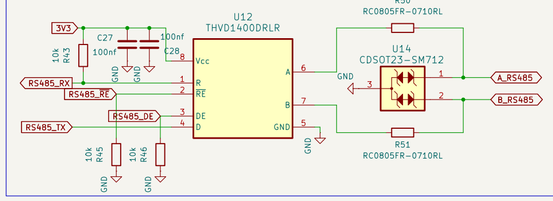


MICROSD CARD

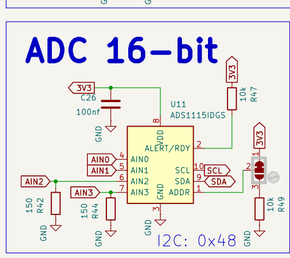
sd card ESD protection



RS485 to TTL

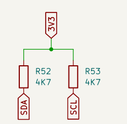


ADC 16-bit



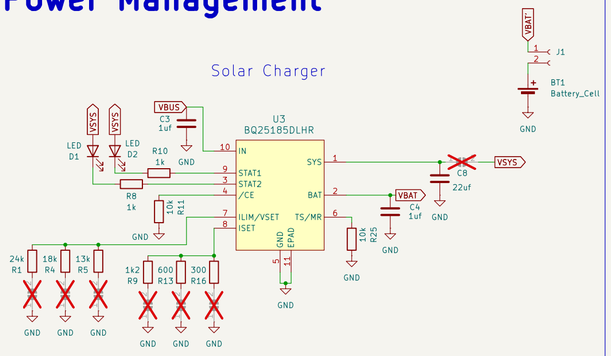
I2C: 0x48

I2C PULLUP

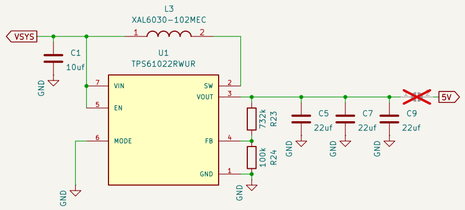


Power Management

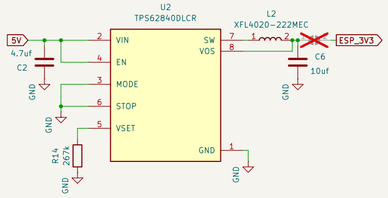
Solar Charger



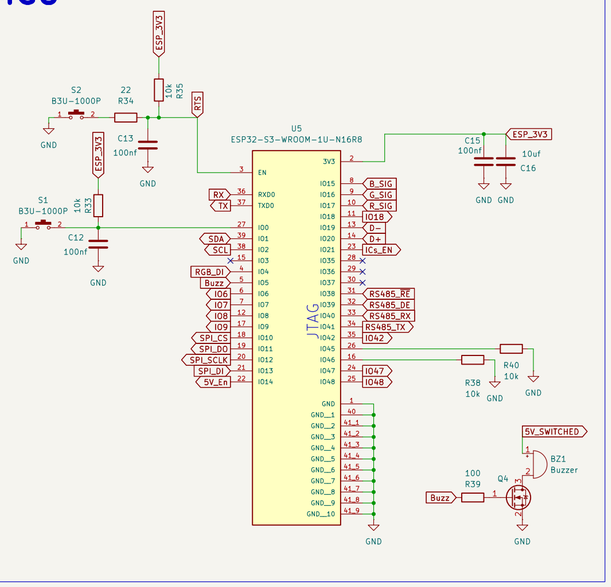
VBAT to 5V BOOST



5V to 3V3 BUCK

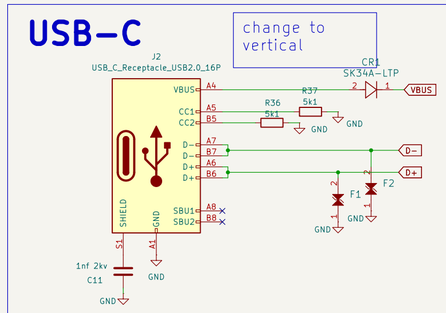


MCU

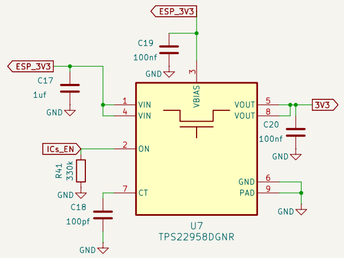


USB-C

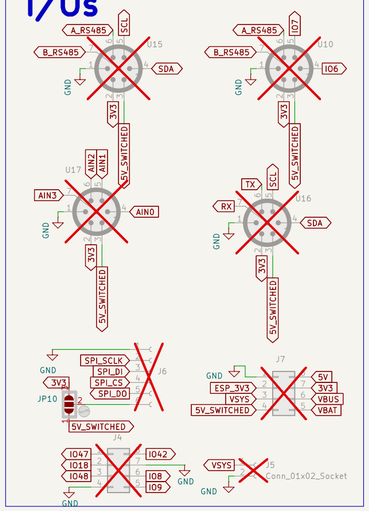
change to vertical



PMOS SWITCH

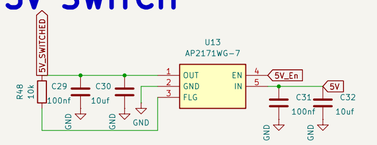


I/Os



Holes

5V SWITCH



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