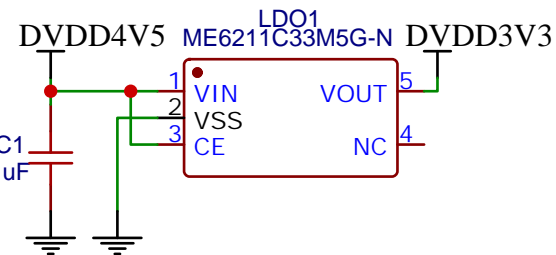
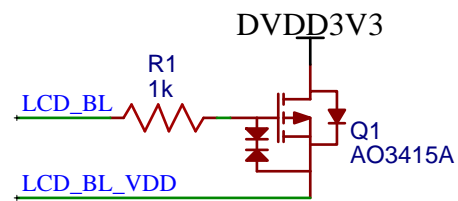


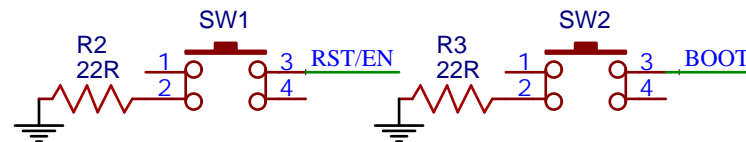
DC-DC CONVERTER



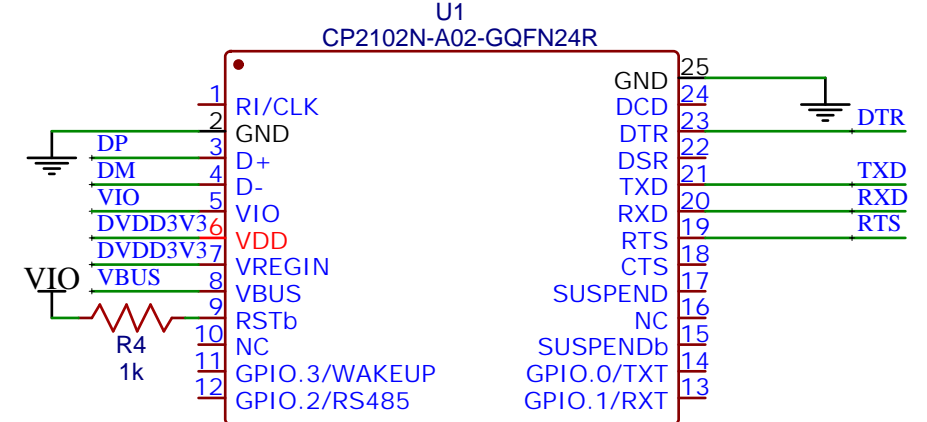
BACKLIGHT CONTROL



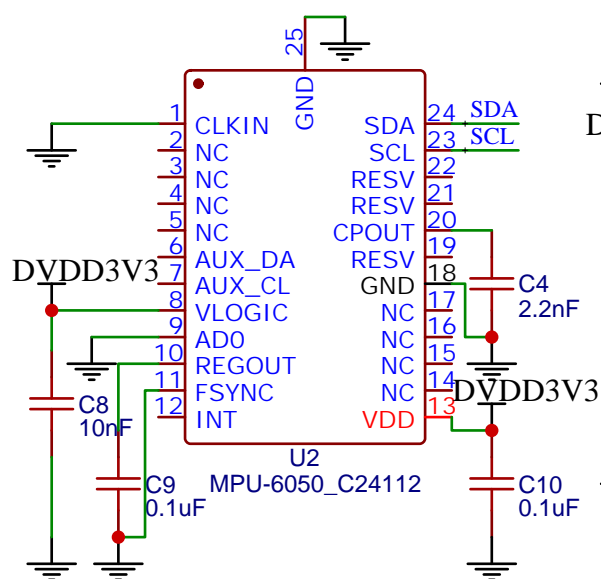
RESET & BOOT BUTTONS



USB-TO-UART BRIDGE/PROG

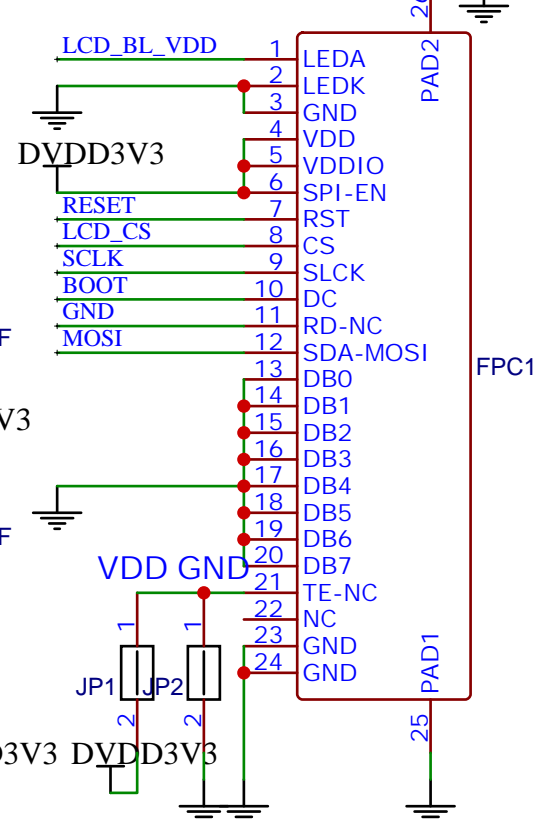


IMU SENSOR

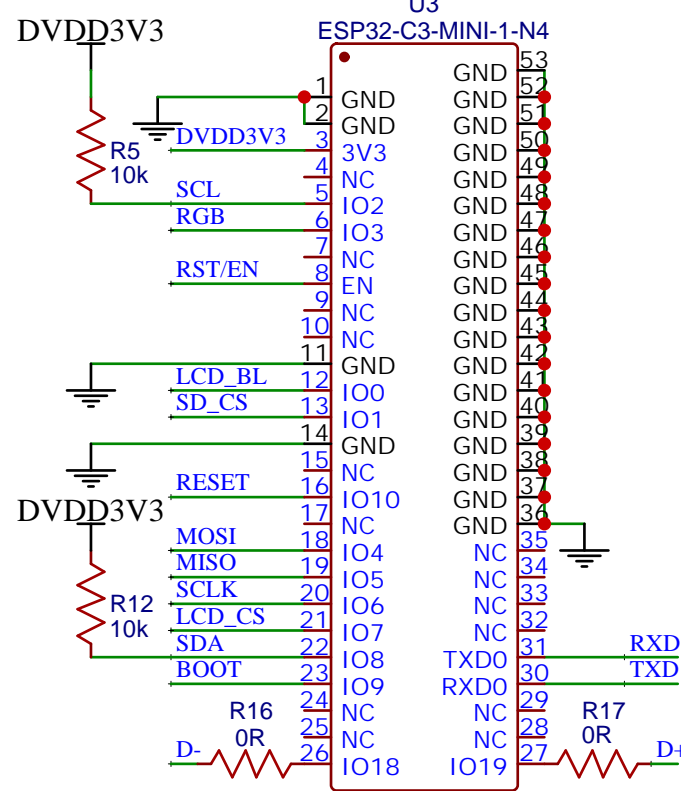


TFT 240X240 DISPLAY

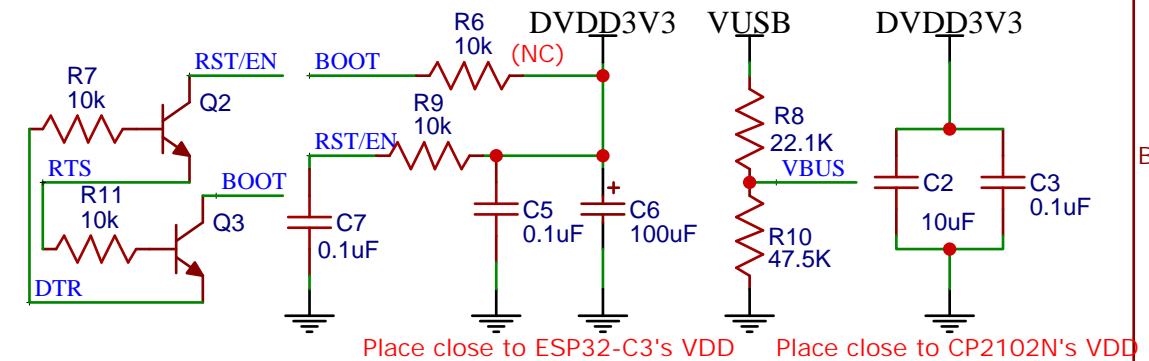
SPI Bus is shared with SD Card



SYSTEM-in-PACKAGE, SiP (WiFi/BT/BLE, FLASH, USB PHY)



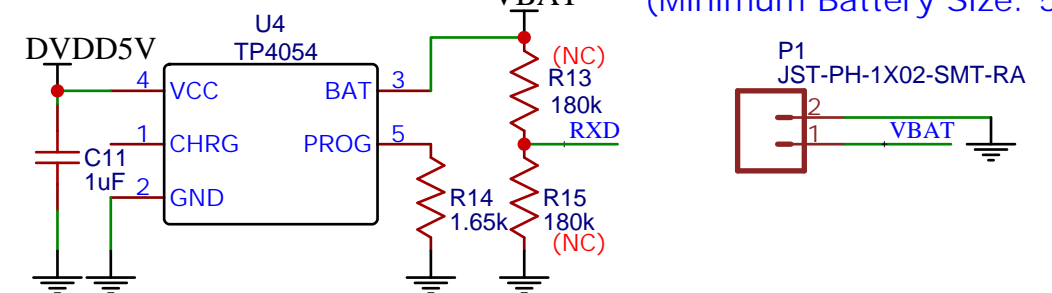
AUXILIARY CIRCUITS



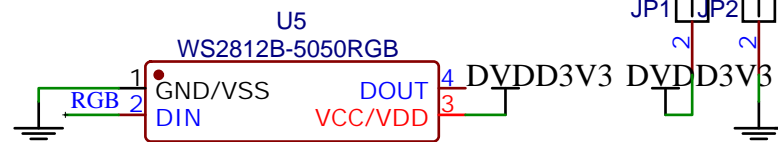
Place close to ESP32-C3's VDD Place close to CP2102N's VDD

BATTERY CHARGER BATTERY CONNECTOR

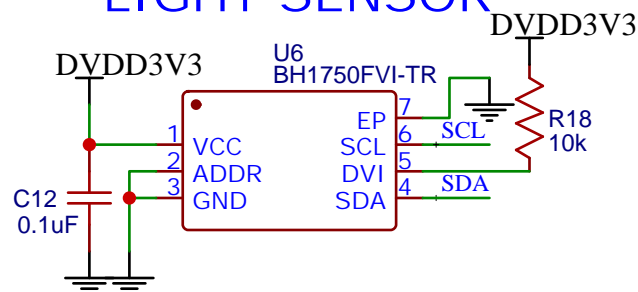
RXD 2nd Function: ADC for BAT Level



RGB LED

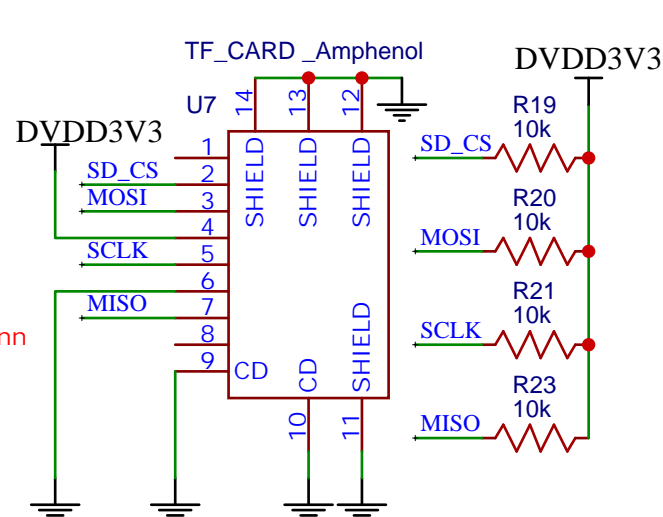


LIGHT SENSOR

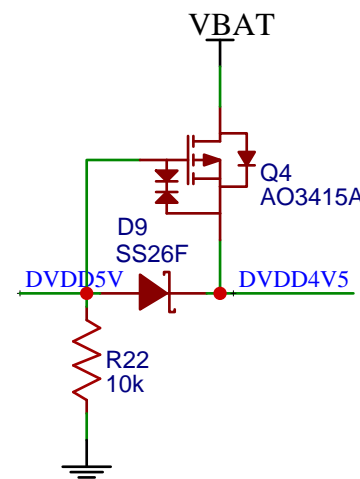


SD CARD

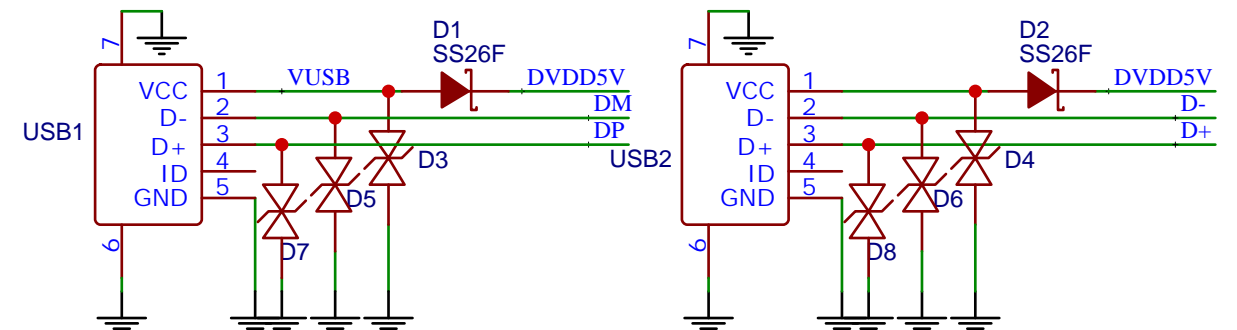
SPI Bus is shared with LCD



PSU SELECTOR

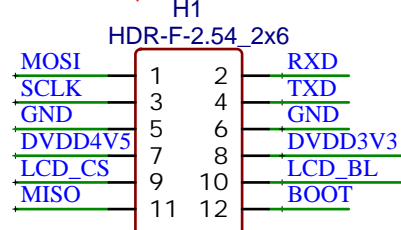


USB INTERFACES



SWEE ANN'S INTERFACE

Named after Espressif's Founder & CEO, Teo Swee Ann



TITLE: Holocube		REV: 3
EasyEDA	Company: Team Puzzel 5	Sheet: 1/1
	Date: 22-02-2022	Drawn By: fedy0