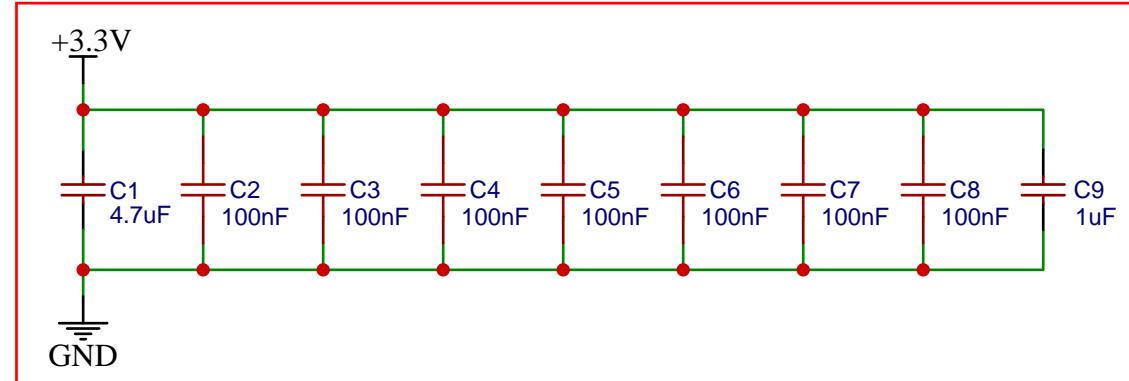
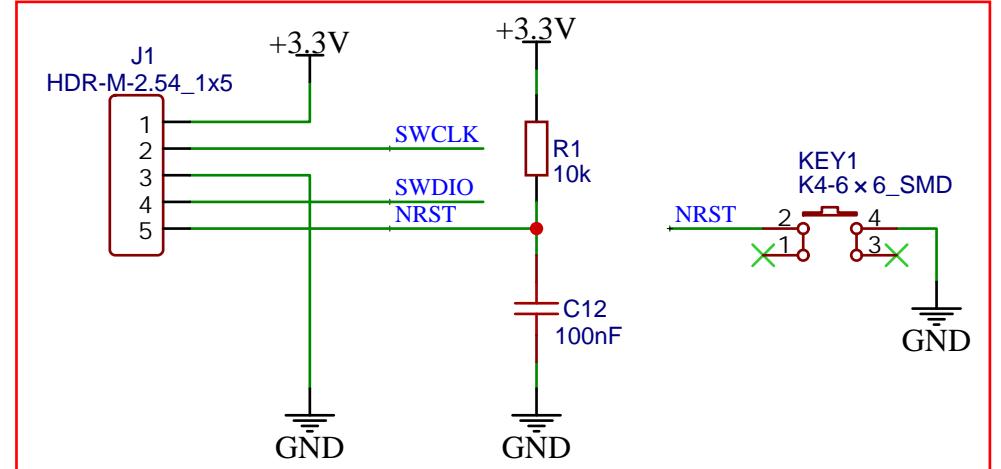


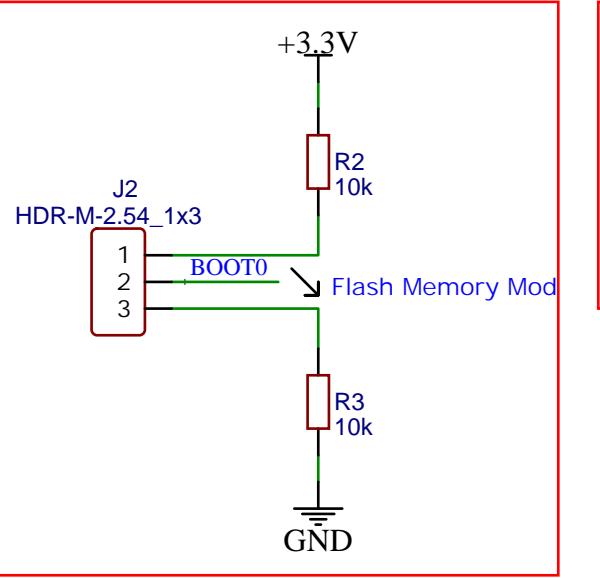
DECOUPLING CAPACITORS



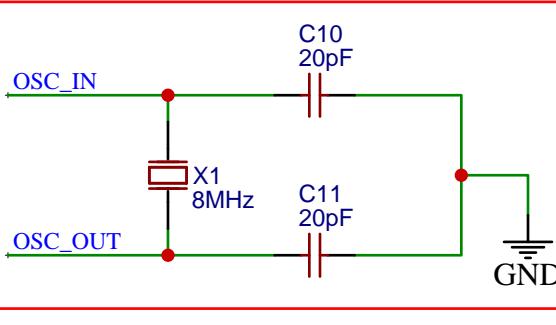
SWD & RESET



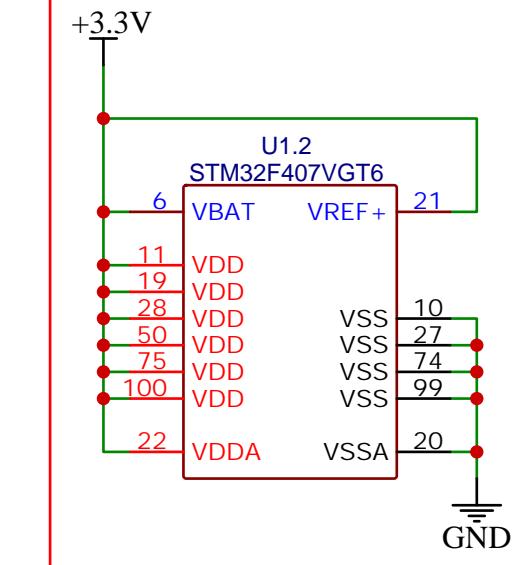
BOOT



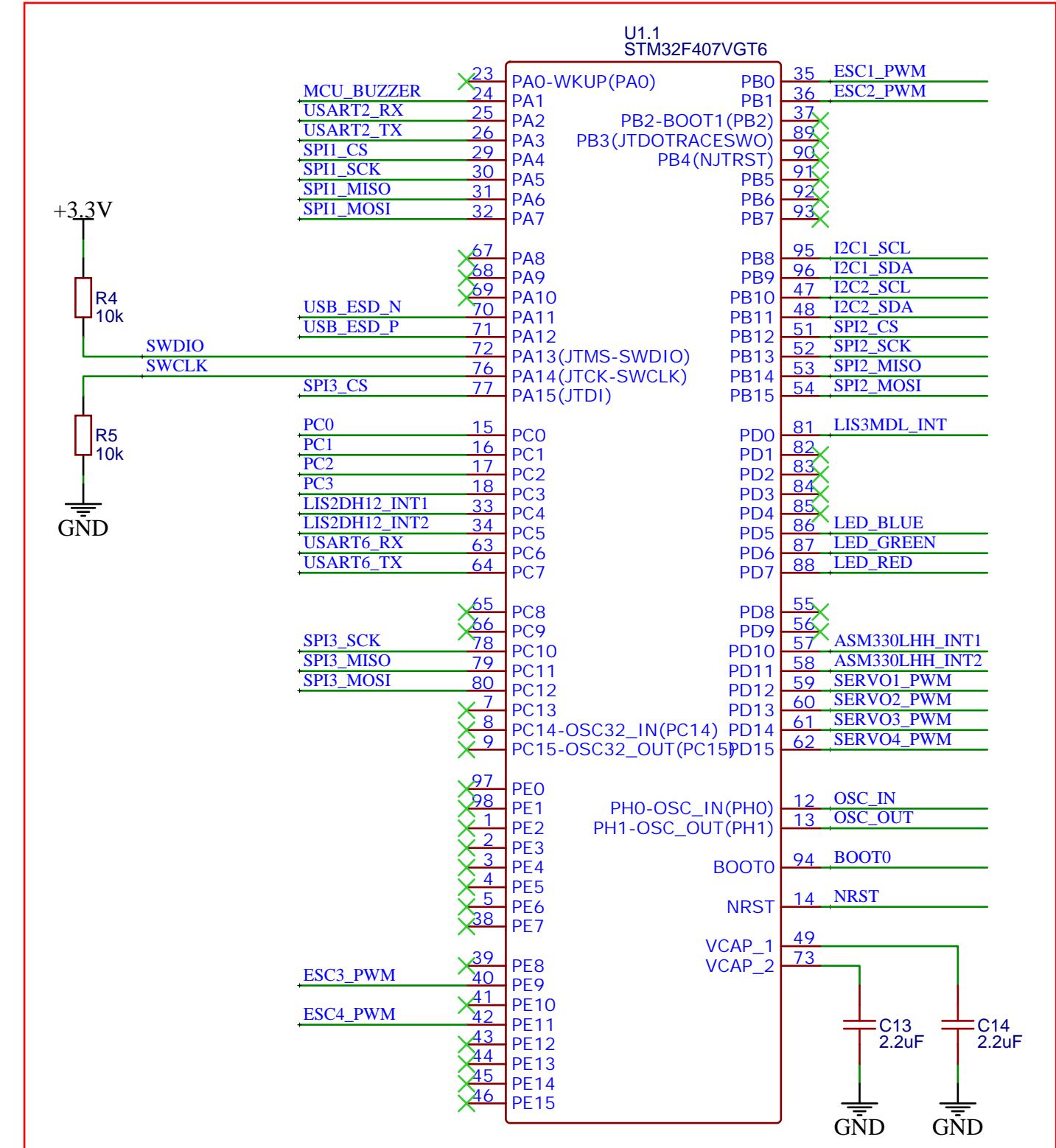
CRYSTAL



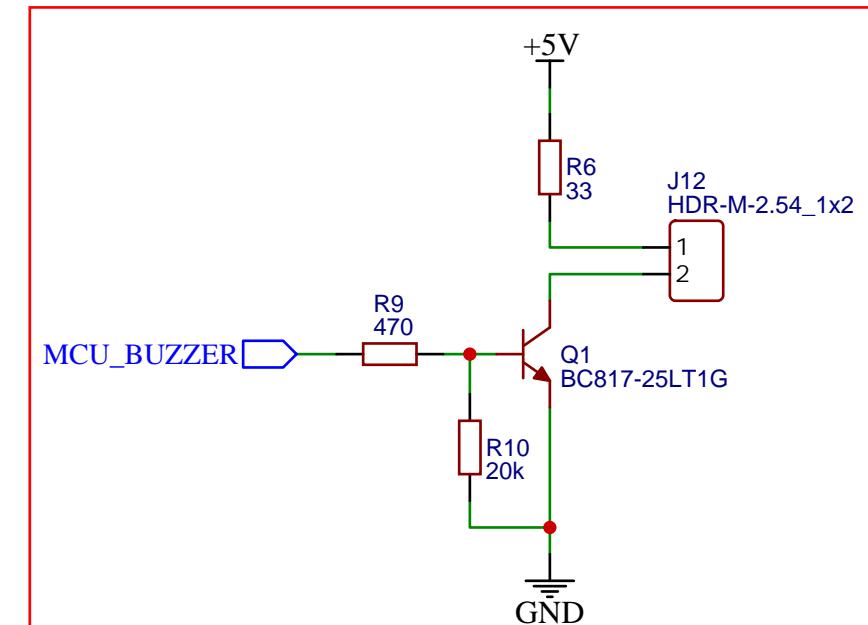
MCU 2



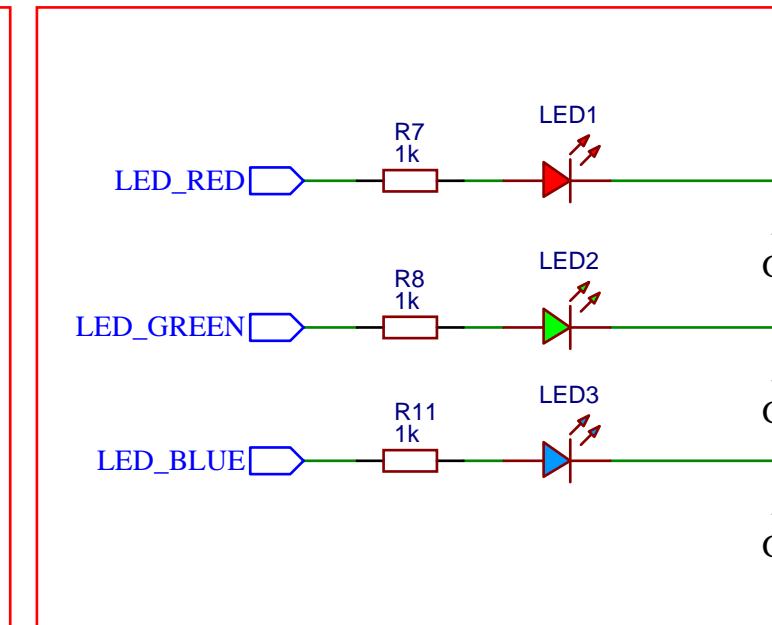
MCU 1



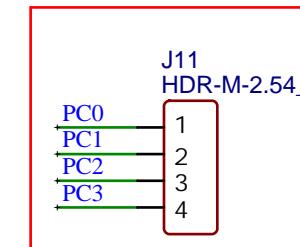
BUZZER CONNECTOR



LEDs



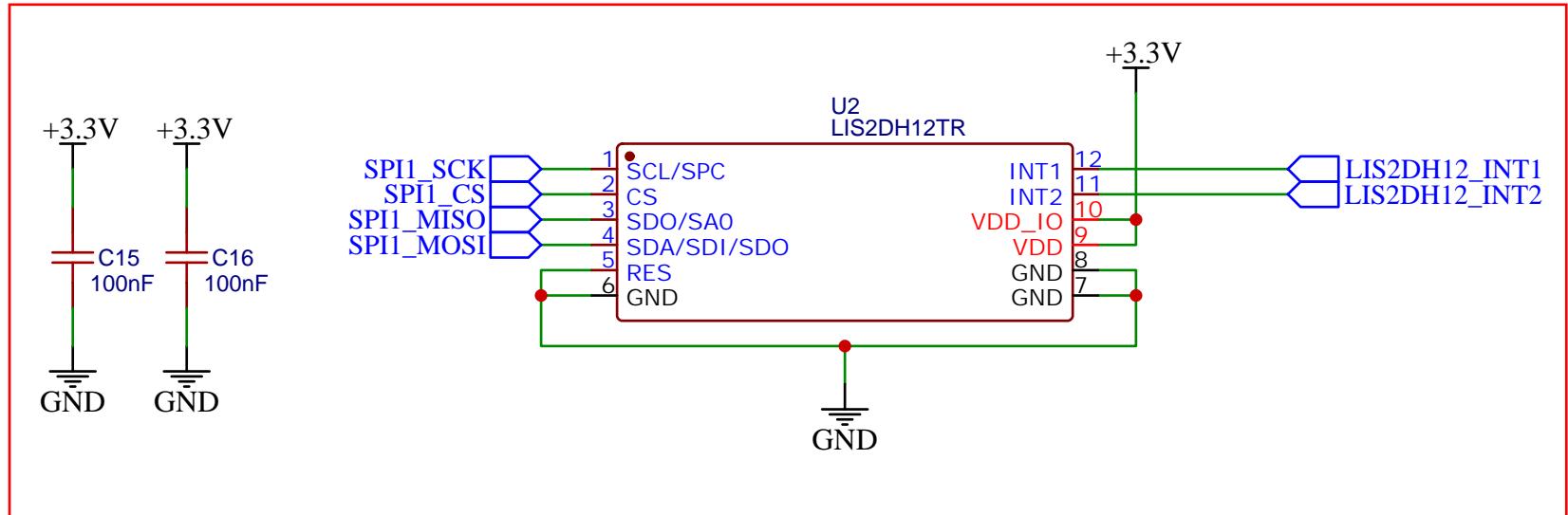
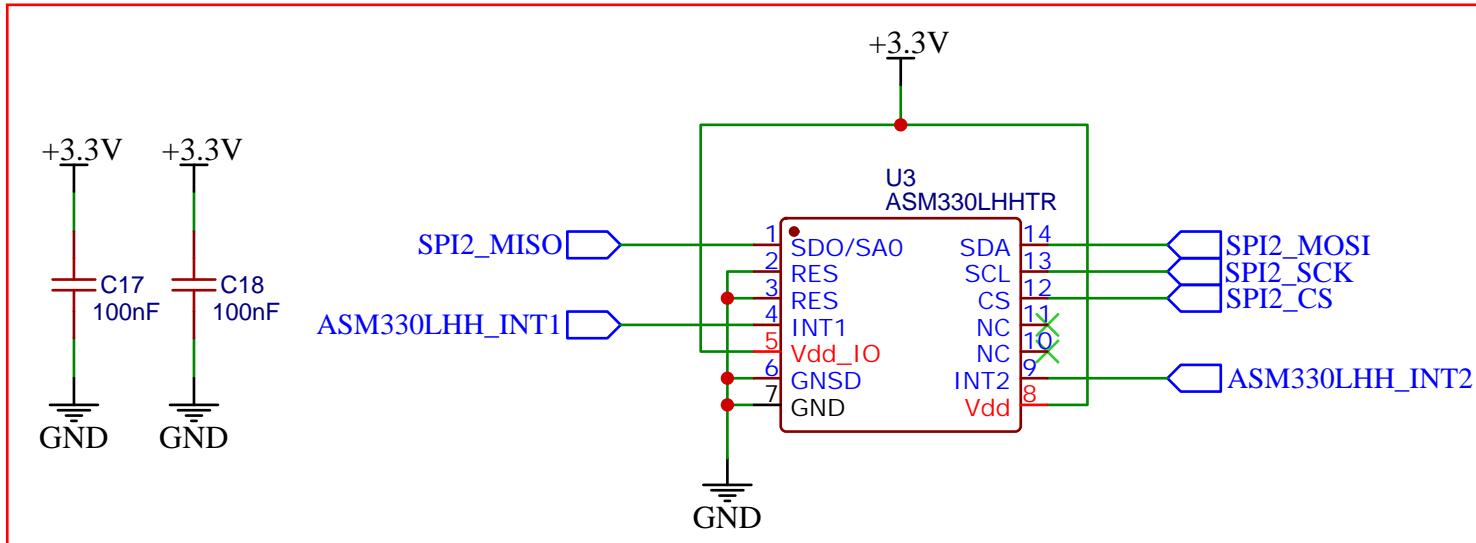
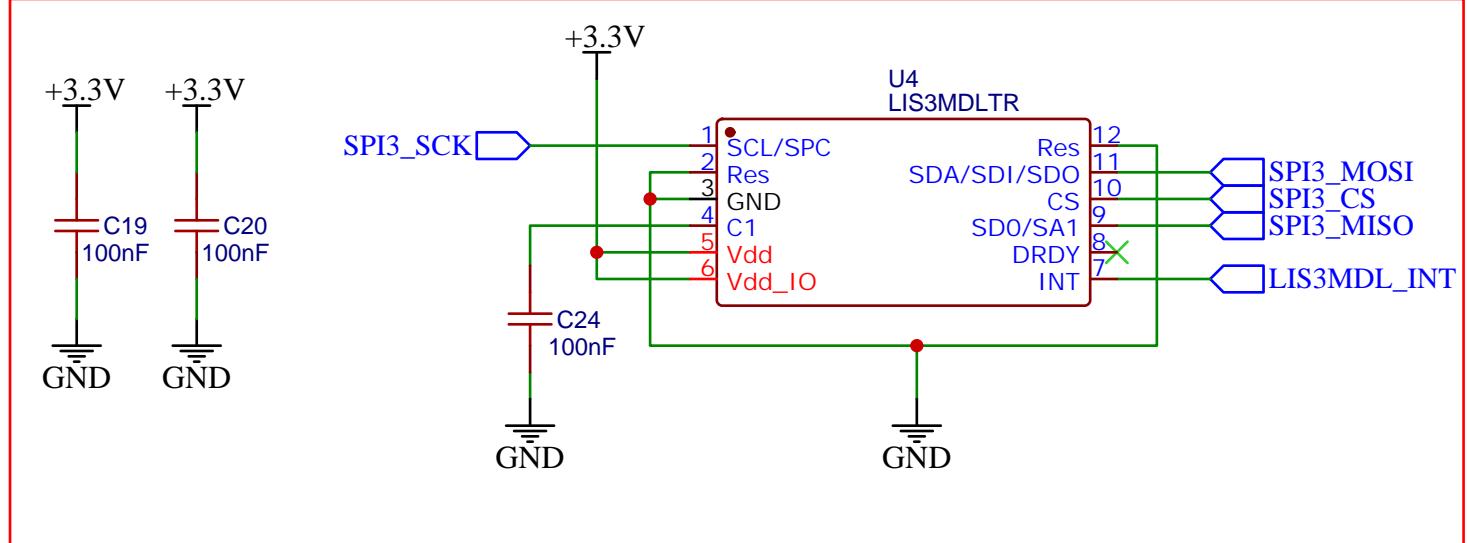
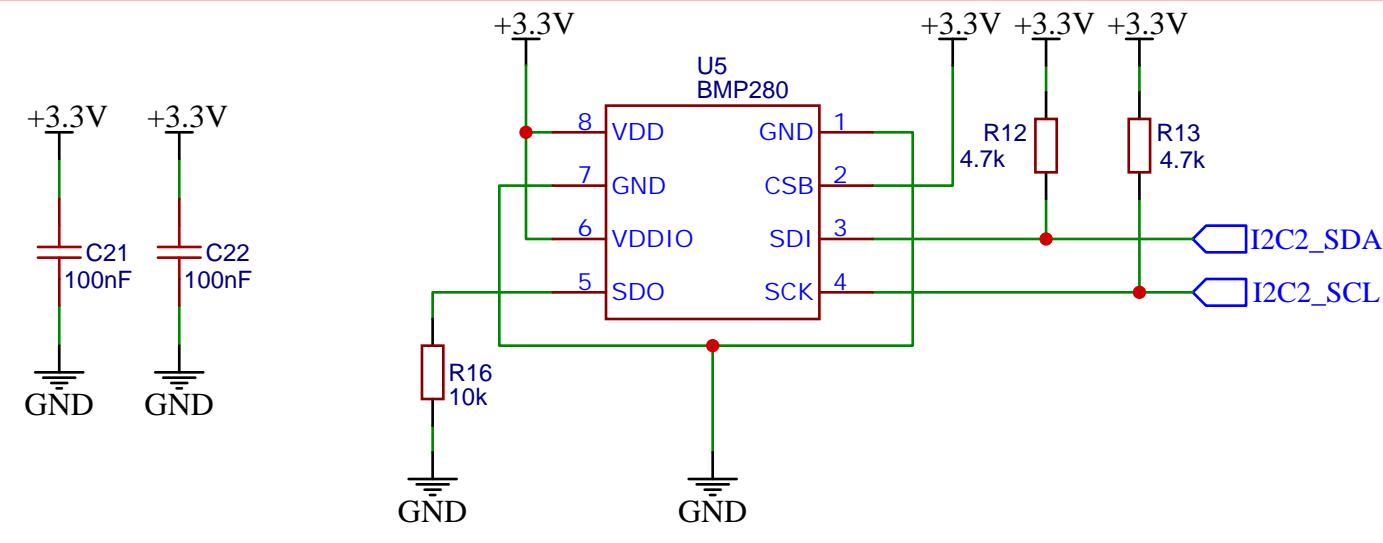
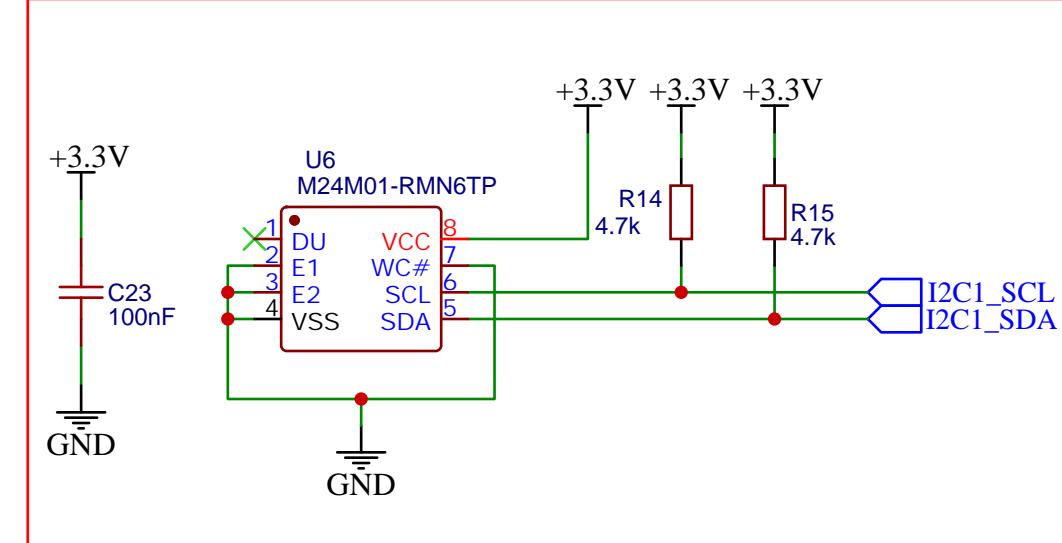
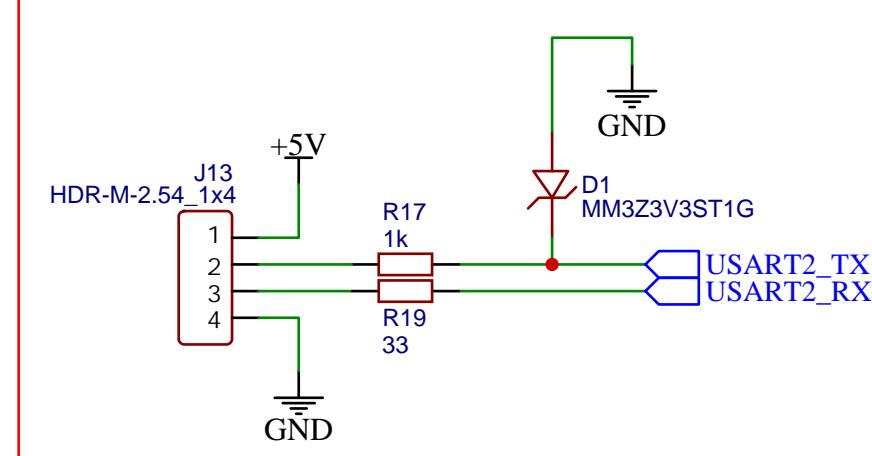
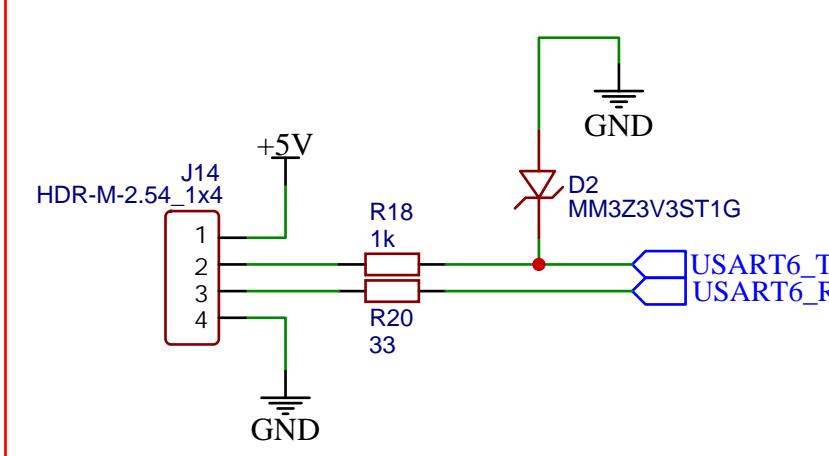
GPIO CONNECTOR



TITLE:

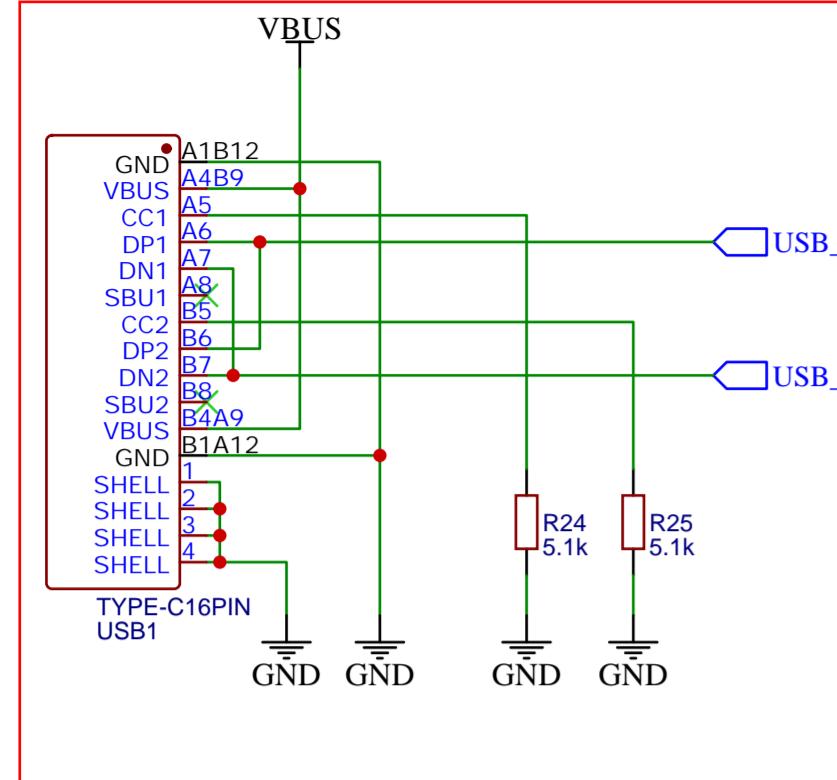
Microcontroller

REV: 1.0

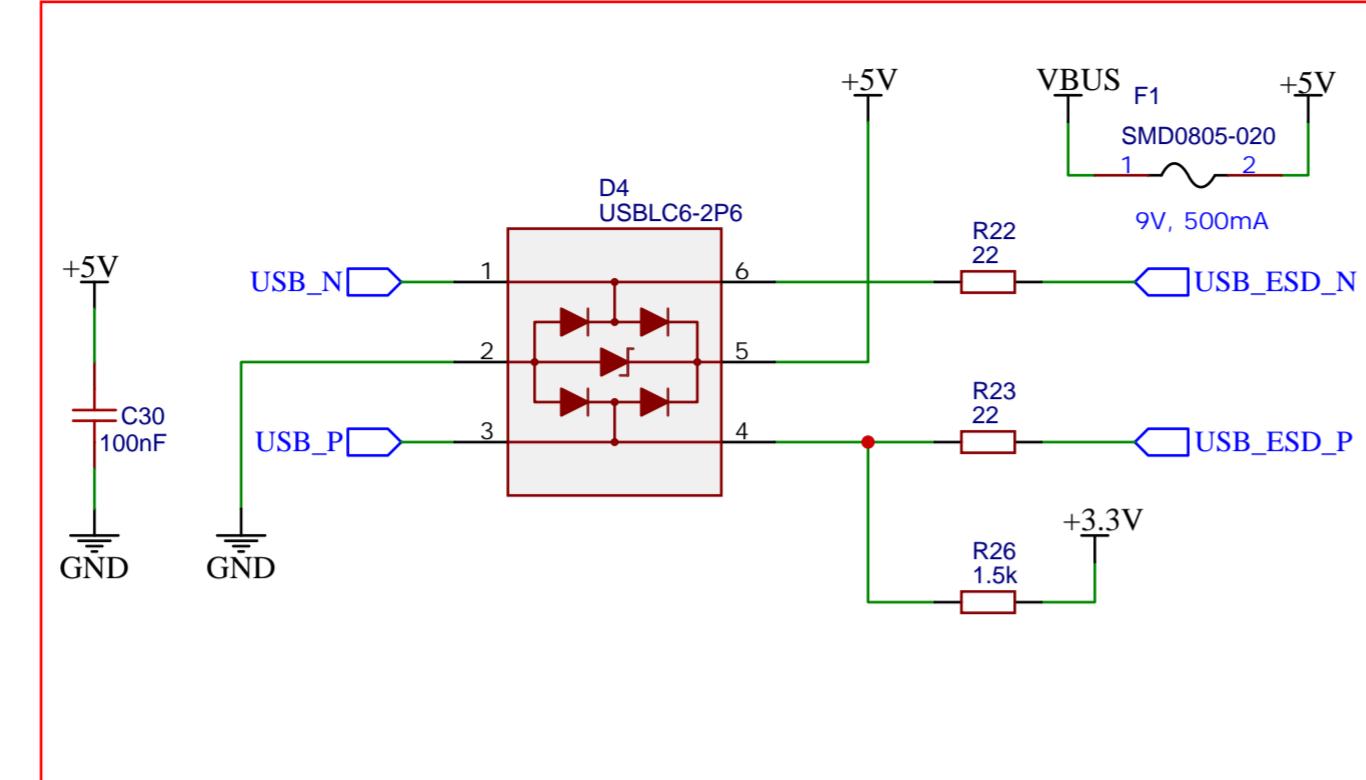
LIS2DH12 ACCELEROMETER**ASM330LHH GYROSCOPE****LIS3MDL MAGNETOMETER****BMP280 PRESSURE+TEMP****EEPROM****UART CONNECTOR 1 (5V)****UART CONNECTOR 2 (5V)**

1 2 3 4 5 6 7 8

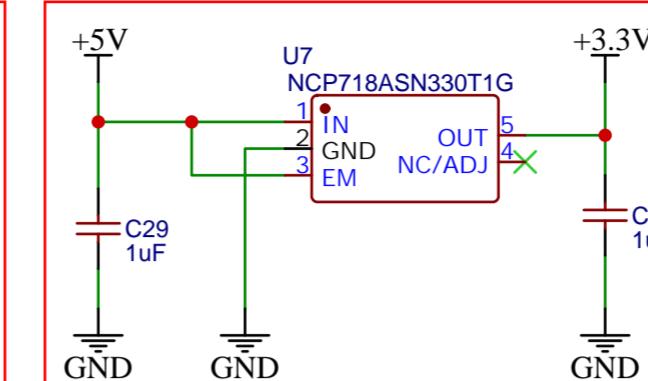
USB TYPE-C



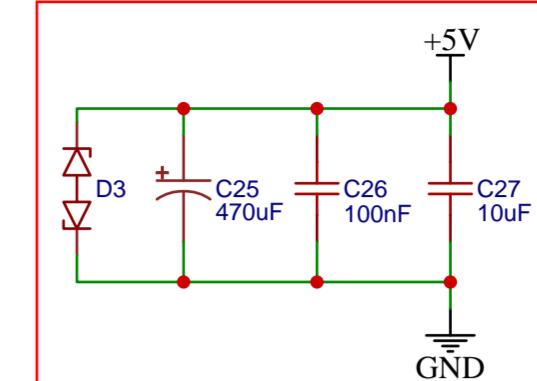
USB ESD PROTECTION



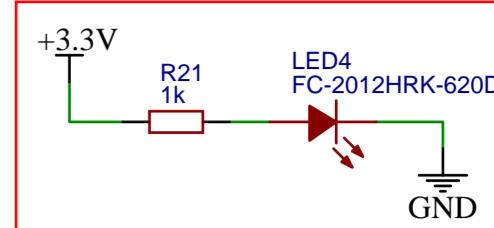
5V TO 3V3 CONVERTER



POWER INPUT 1



POWER LED



TITLE: Power Management		REV: 1.0
EasyEDA	Company: Erciyes University	Sheet: 3/3

Date: 2025-04-03 Drawn By: asimyasin