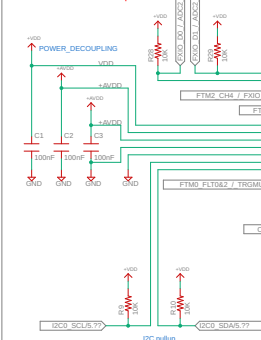
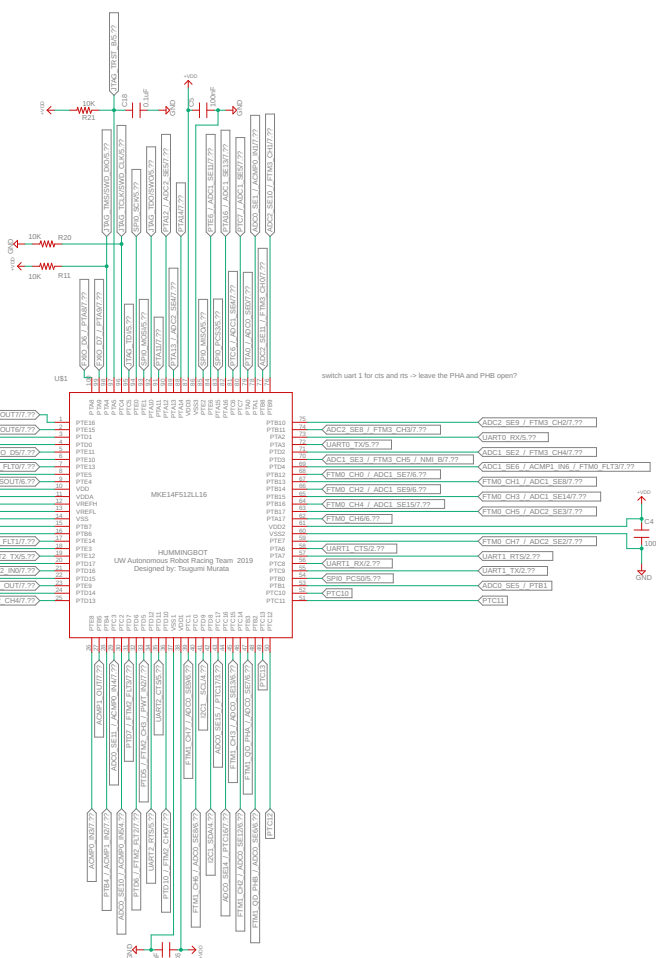
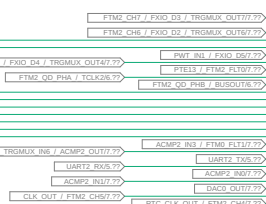
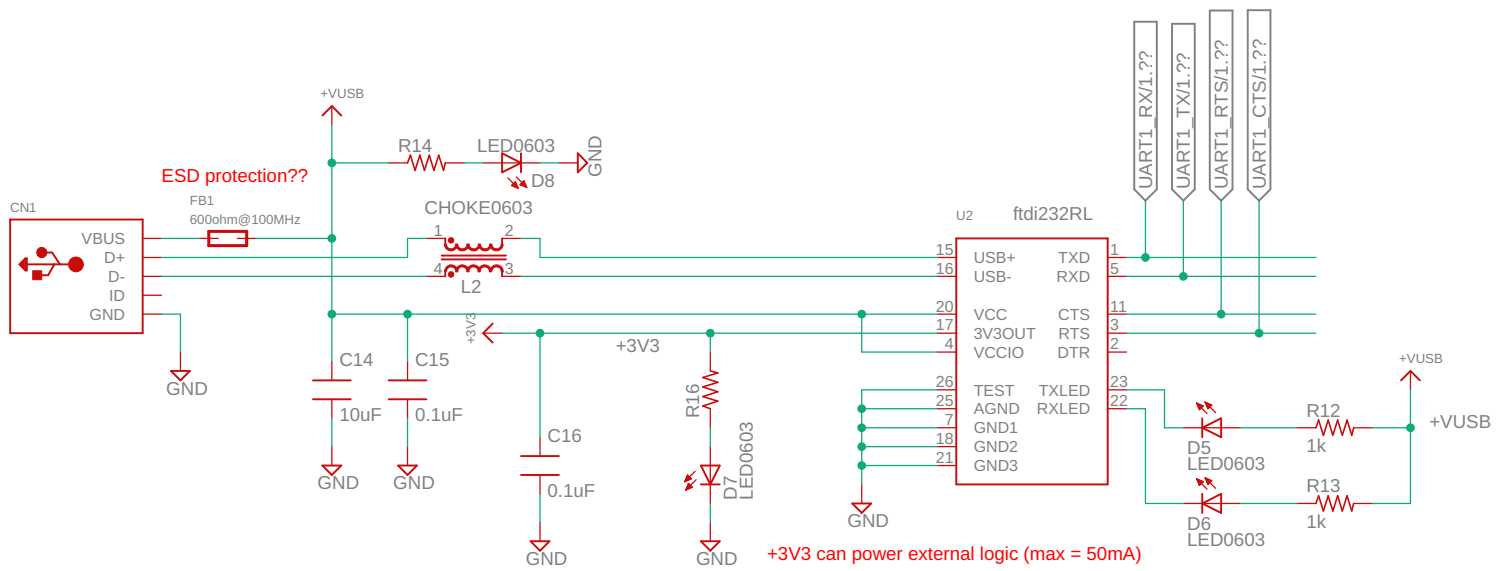


make VDD and VDDA separate??



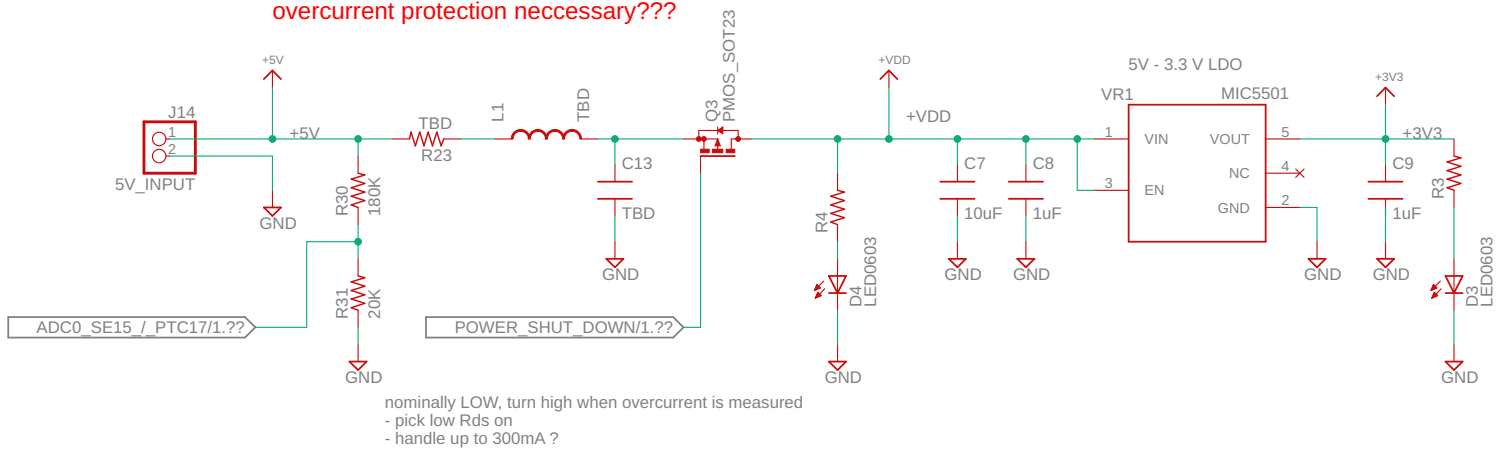
not planning to use external crystal

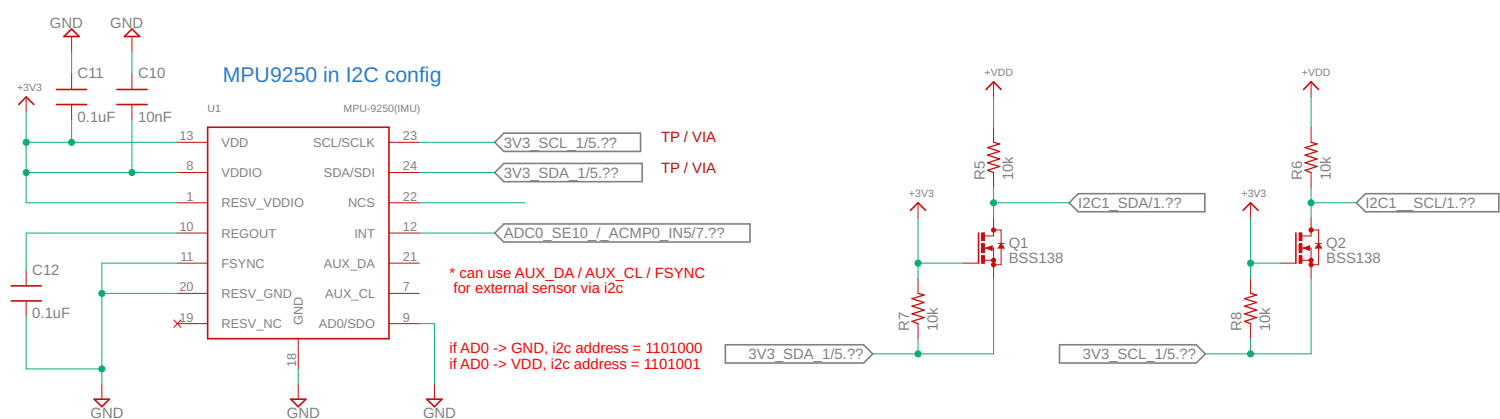




NEED 12V / 7.2V - 5V converter on board??

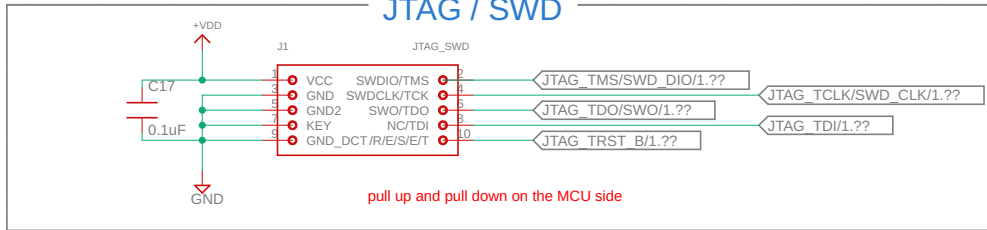
overcurrent protection neccessary???



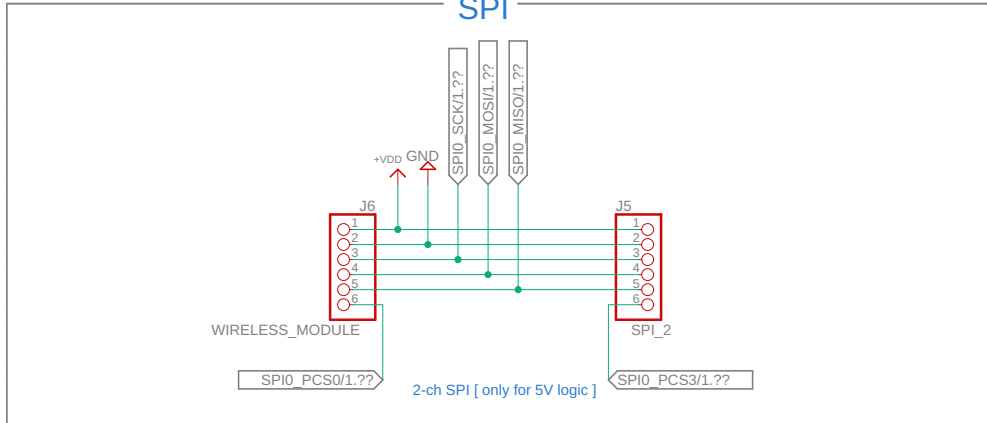


DON'T FORGET TEST POINTS

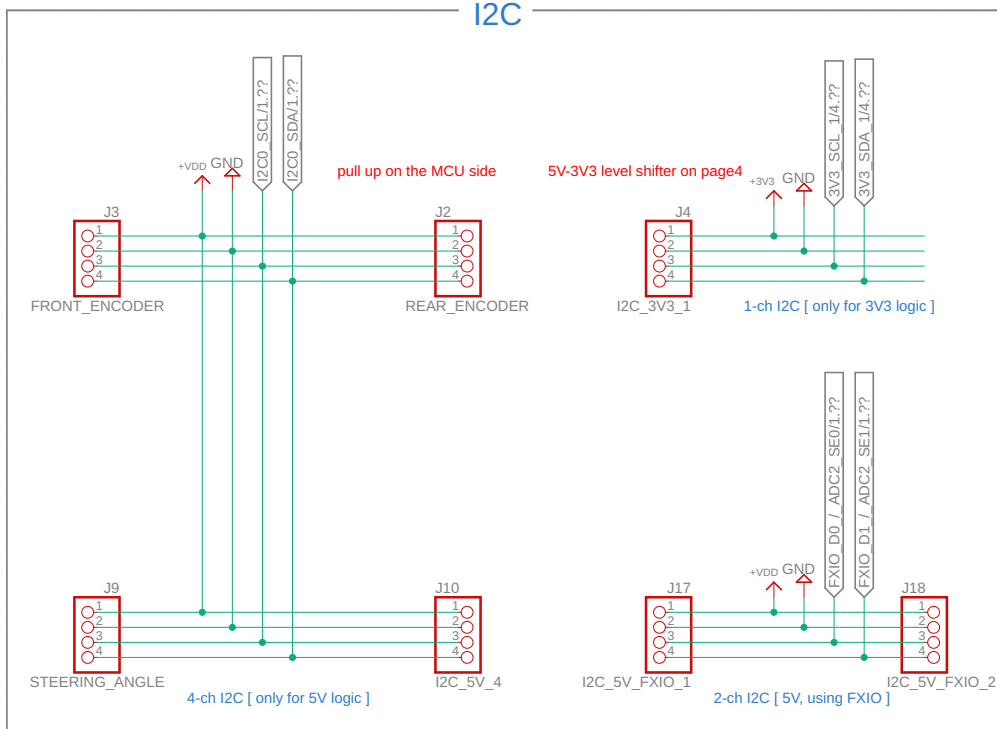
JTAG / SWD



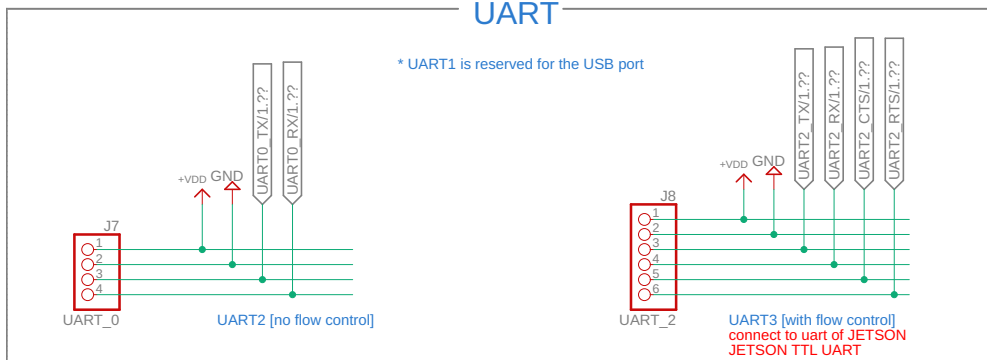
SPI



I2C



UART



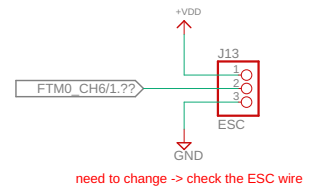
DON'T FORGET TEST POINTS

ACTUATORS

SERVO MOTOR

use the complementary PWM mode

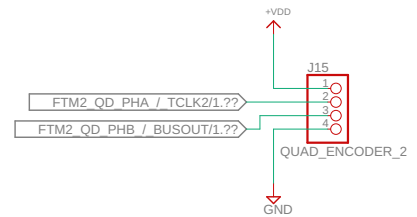
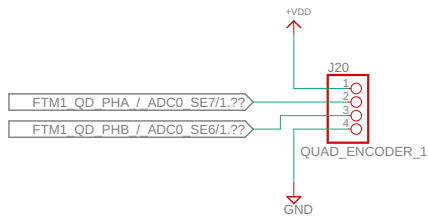
BLDC controlling ESC



DON'T FORGET TEST POINTS

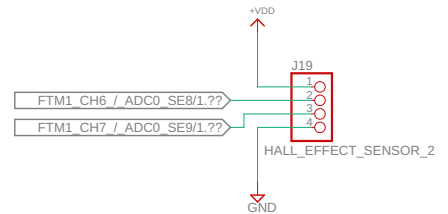
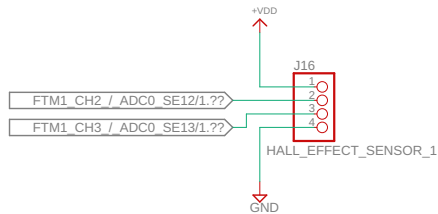
SENSORS

QUAD ENCODER

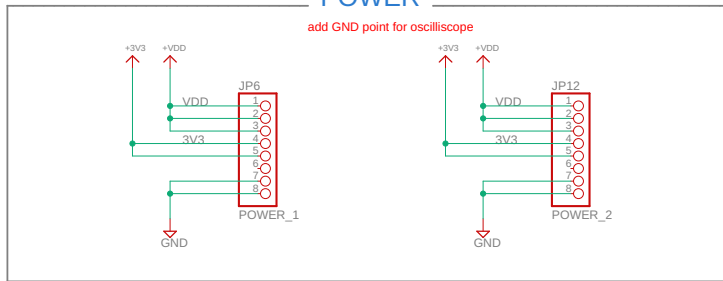


HALL EFFECT SENSOR

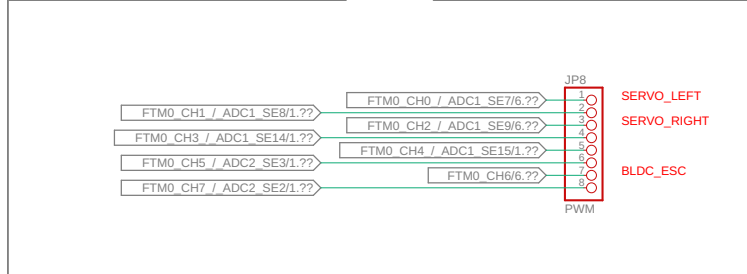
need to modify depending on the sensor selection



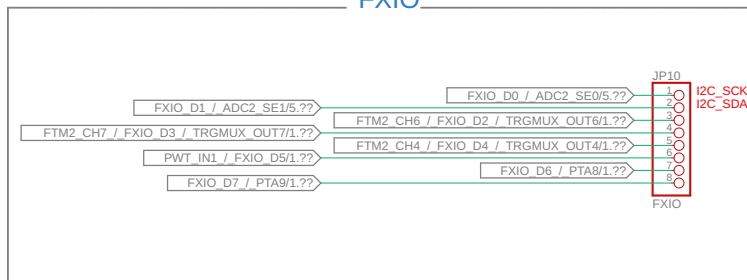
POWER



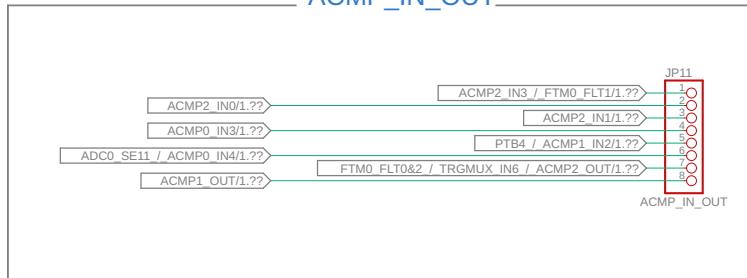
PWM



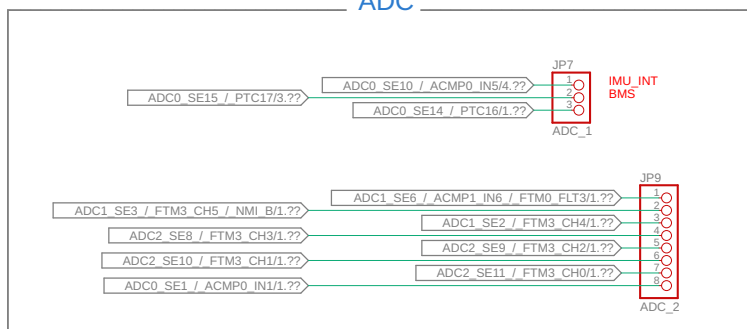
FXIO



ACMP_IN_OUT



ADC



DIGITAL

