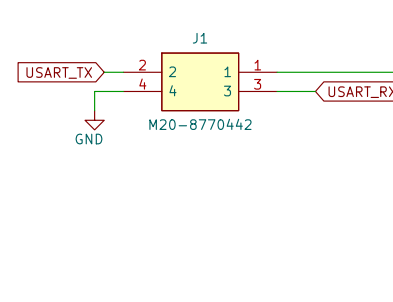


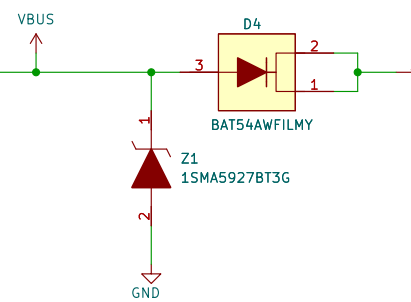
# Sikh Robotics – Motor Encoder



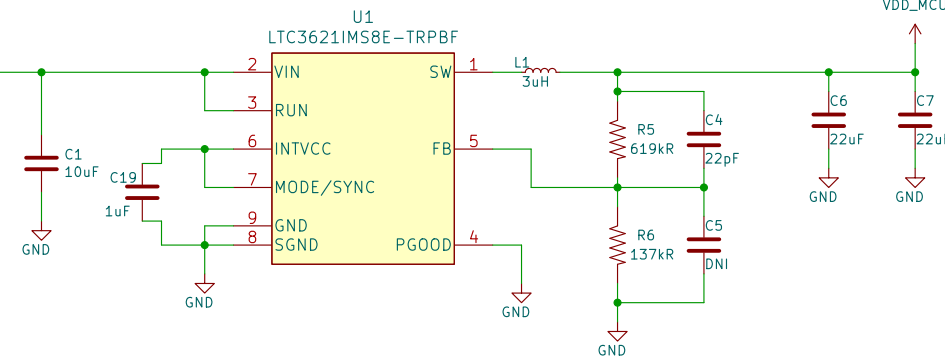
System Connector



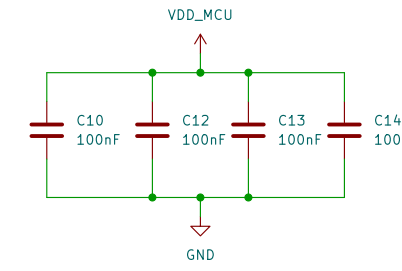
Protection Components



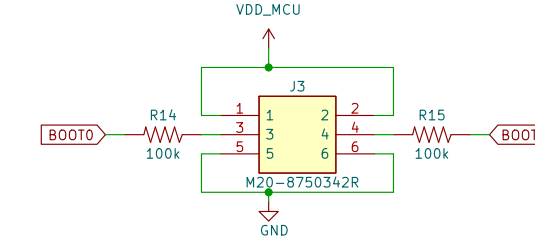
5V to 3V3 Regulator



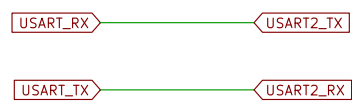
Power Capacitors



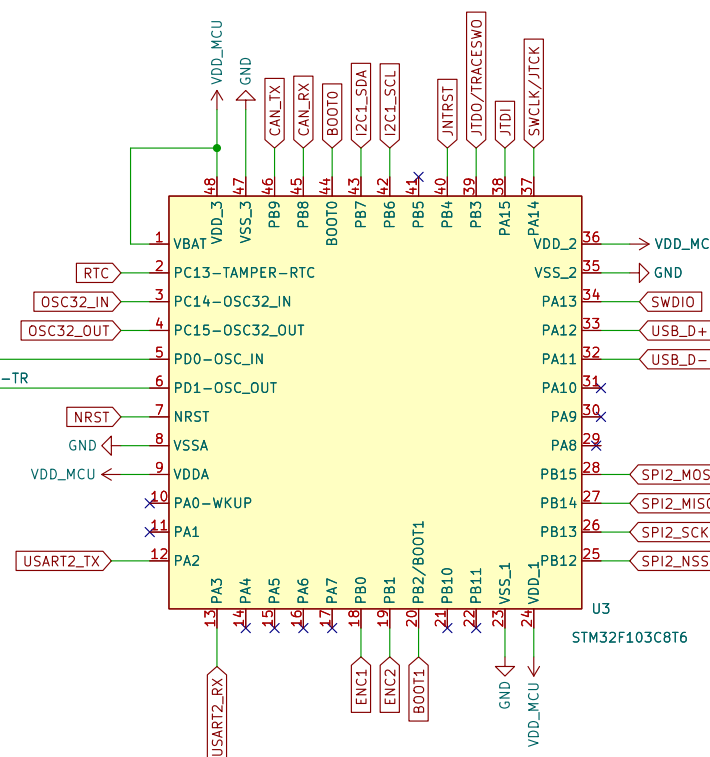
Boot Options



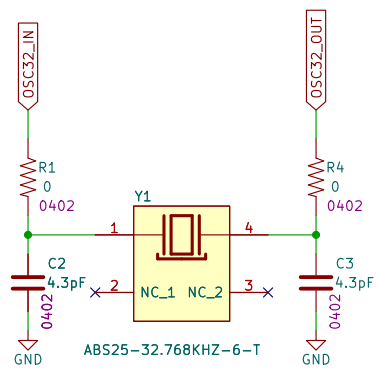
TX/RX Swap



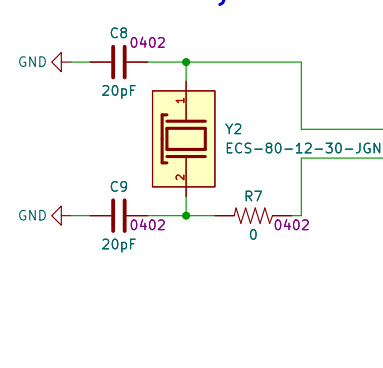
MCU – STM32F103C8T6



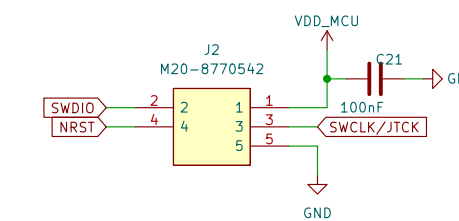
32.768KHZ Crystal



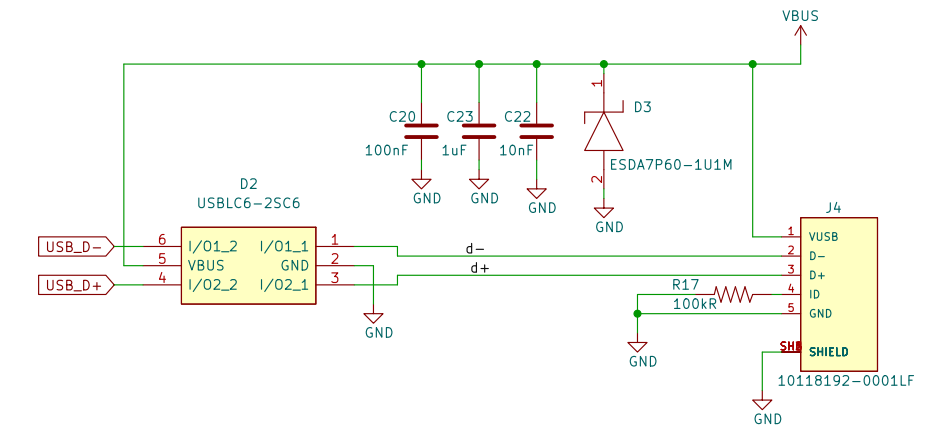
8MHz Crystal



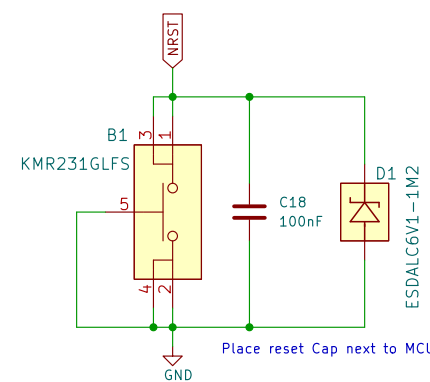
SW Programming



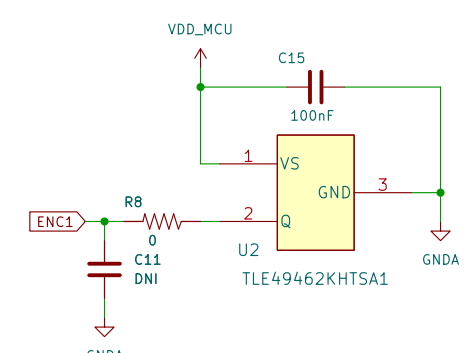
micro USB (Optional)



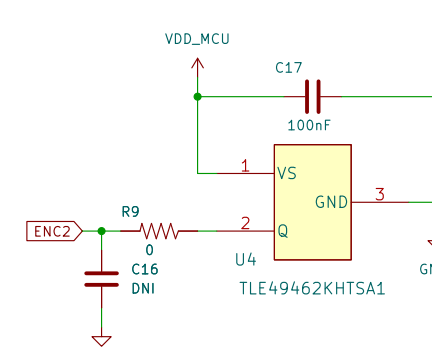
MCU Reset Button



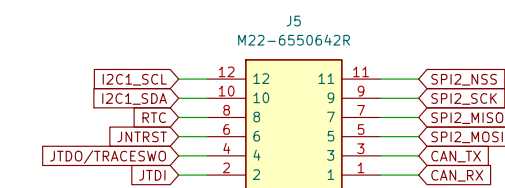
Magnetic Encoder 1



Magnetic Encoder 2



Misc Connections



Mounting Holes

