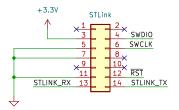
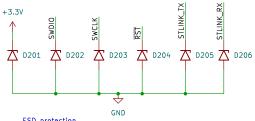


STLink





ESD protection Place as close to the connector as possible

MOSI O IMU_SPI_SDI

MISO O IMU_SPI_SDO

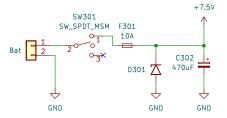
CS O IMU_SPI_CS

SPI_CLK O IMU_SPI_CLK

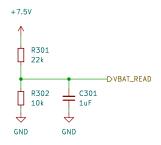
L-TX O LIDAR_TX

L-RX O LIDAR_RX

Connection battery

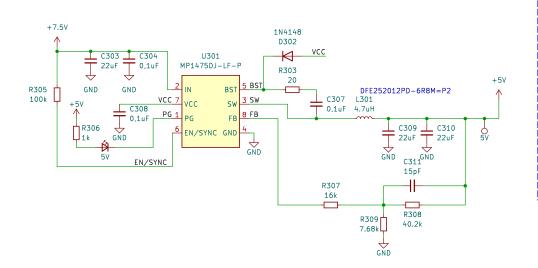


Battery voltage divider

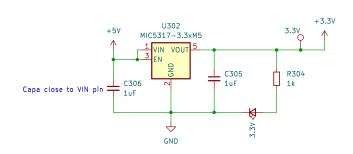


Capacitor close to the STM

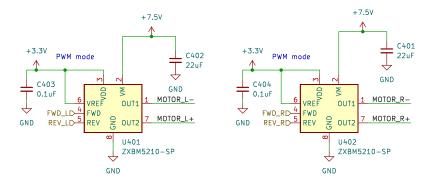
5V Regulator



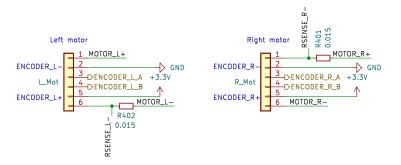
3.3V Regulator



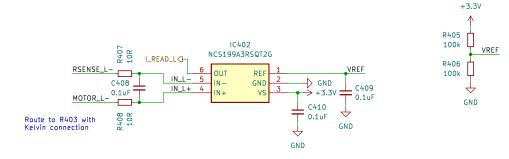
Motors Drivers

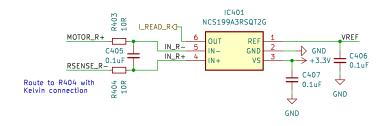


Motors Connectors

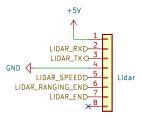


Motors current measure





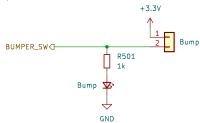
LIDAR

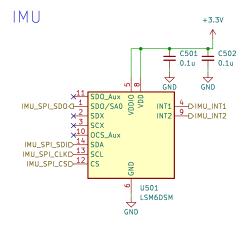


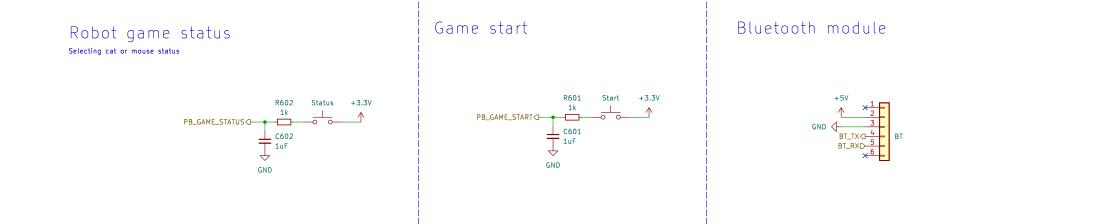
Border detection



Bumper







User LEDs

