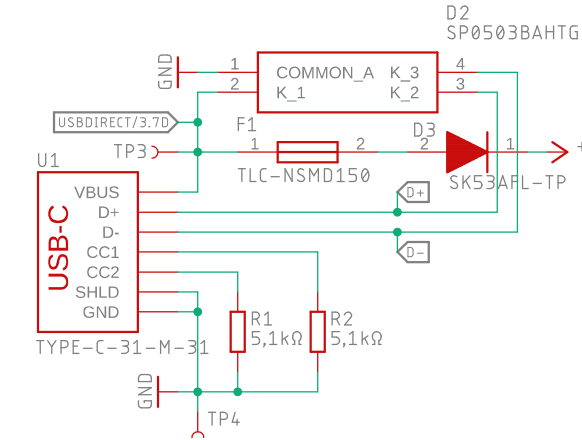
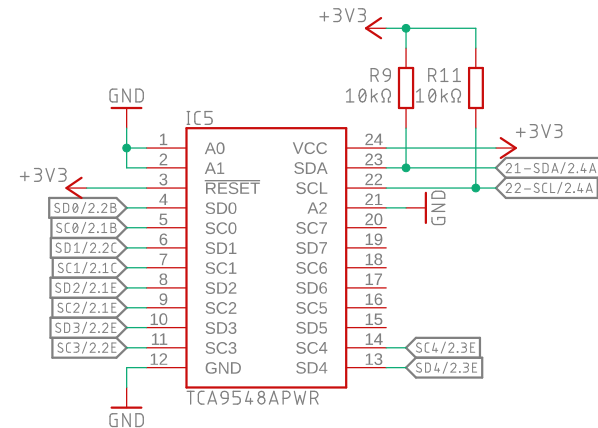


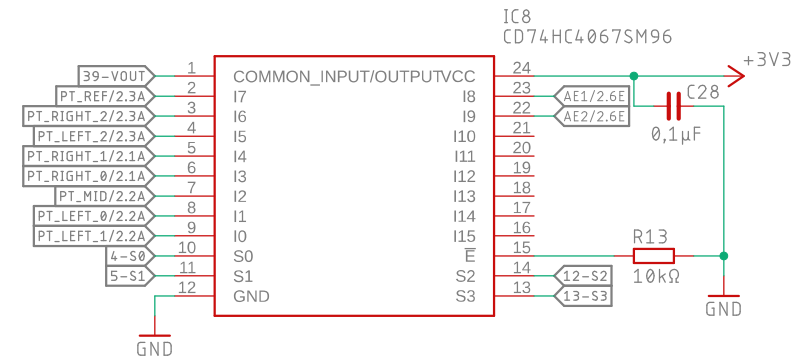
USB-C



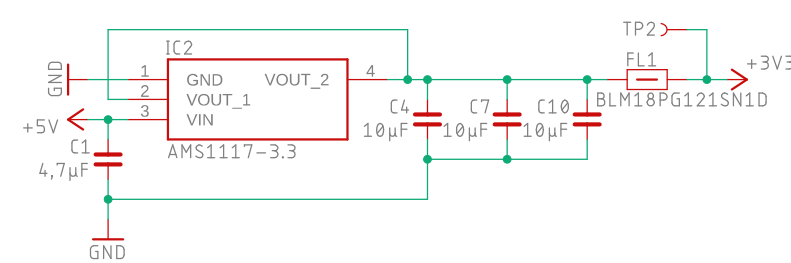
I2C bus



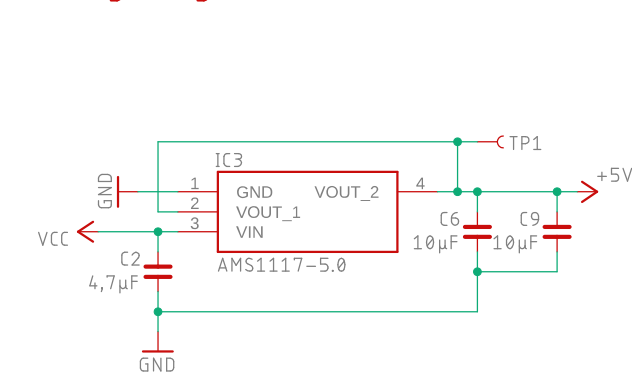
ADC multiplexer



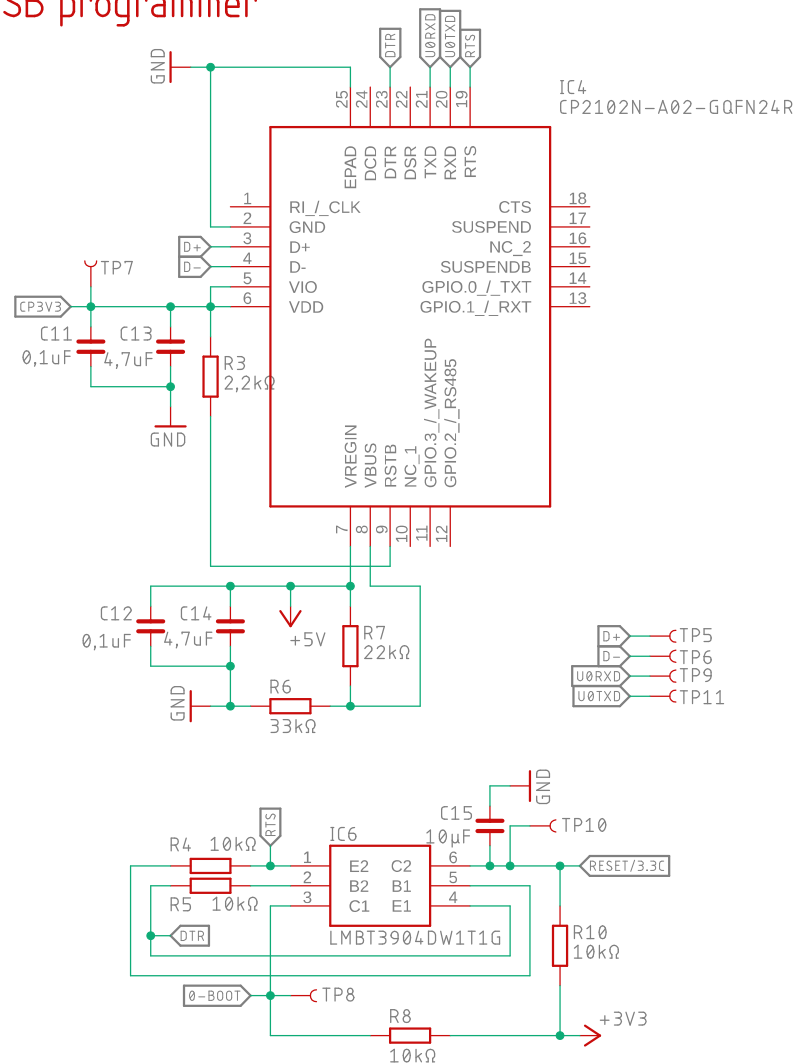
Voltage regulator



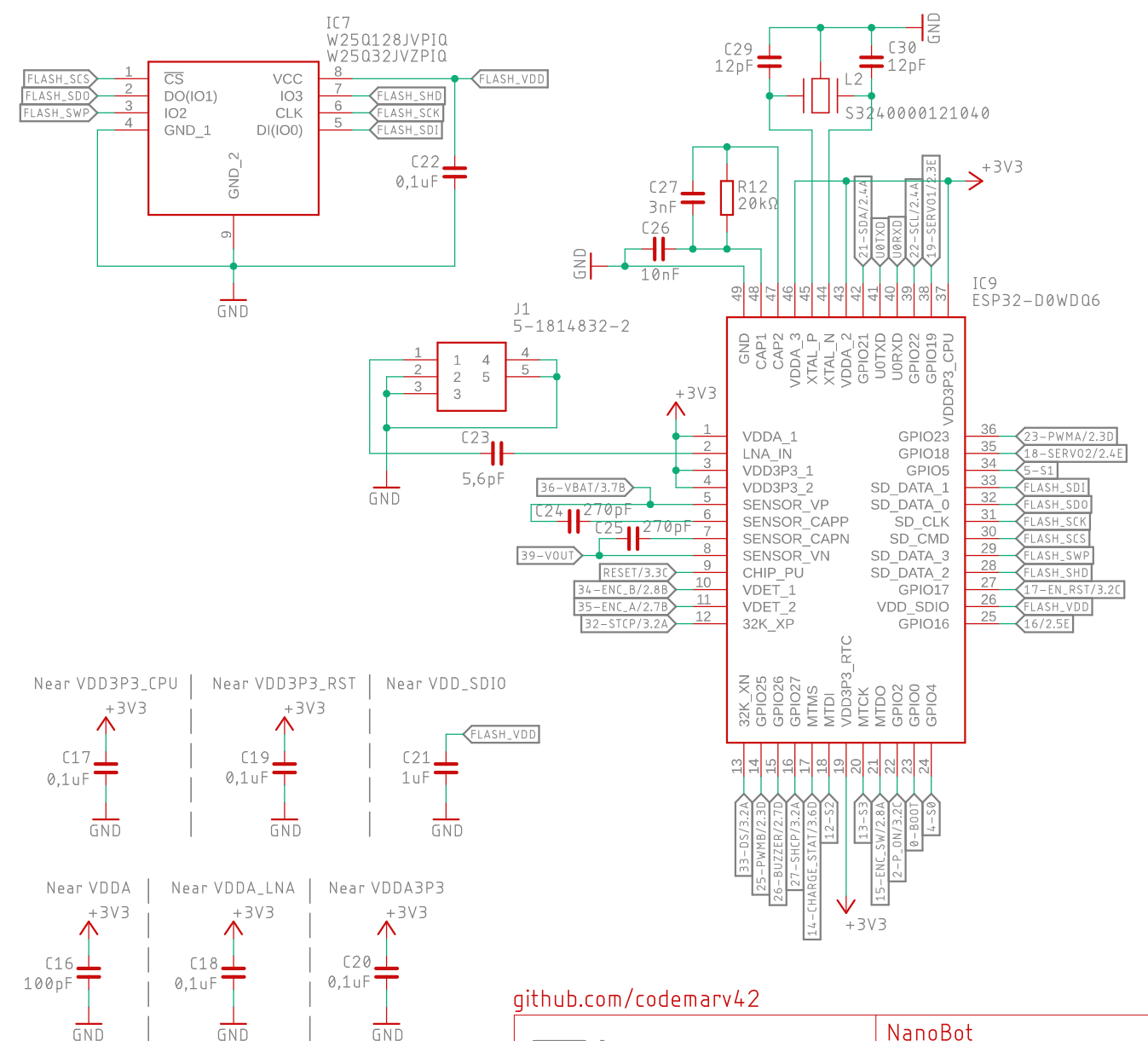
Voltage regulator



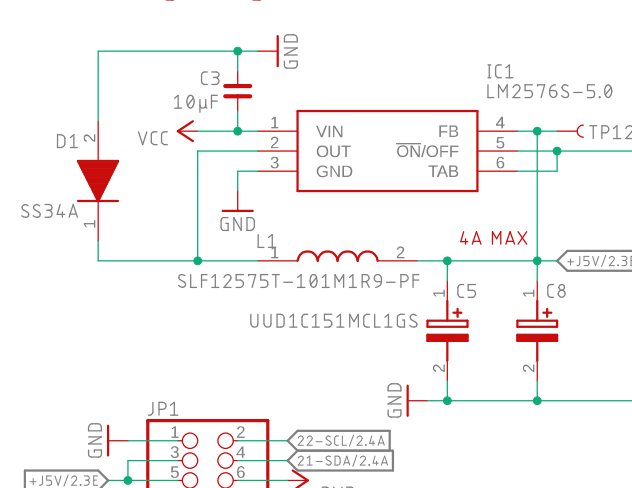
USB programmer



Espressif ESP32



4A Voltage regulator

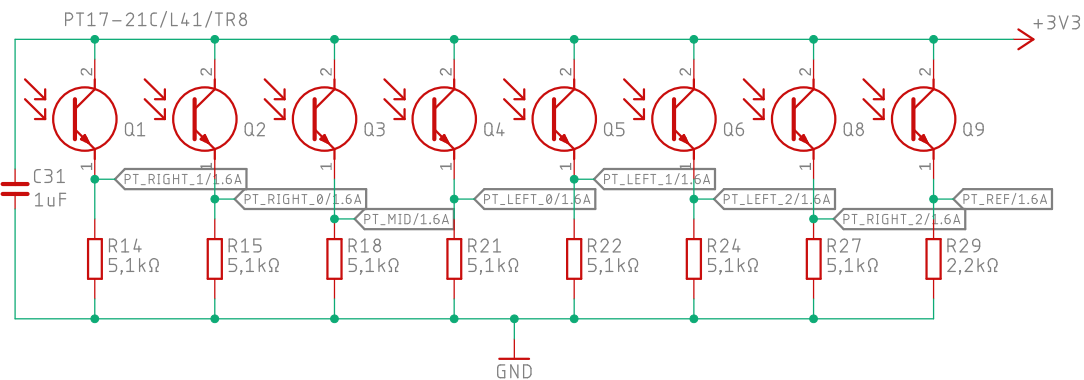


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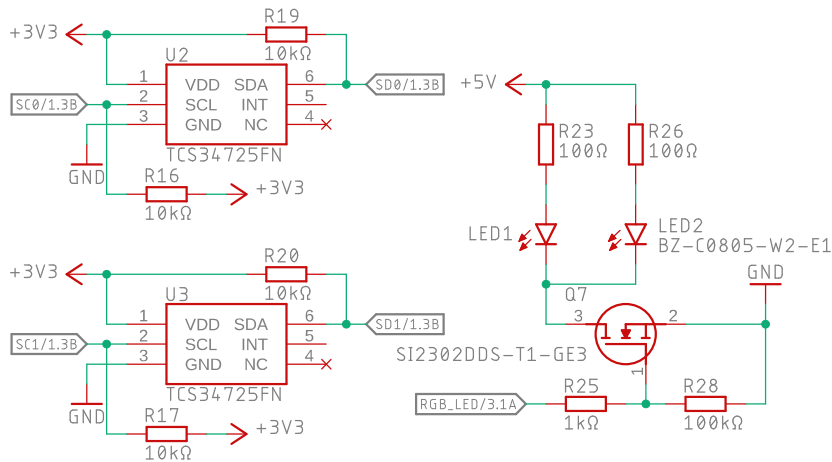


NanoBot	
Marvin Ramm	
08.04.2023 11:55	
Sheet: 1/3	REV: V2

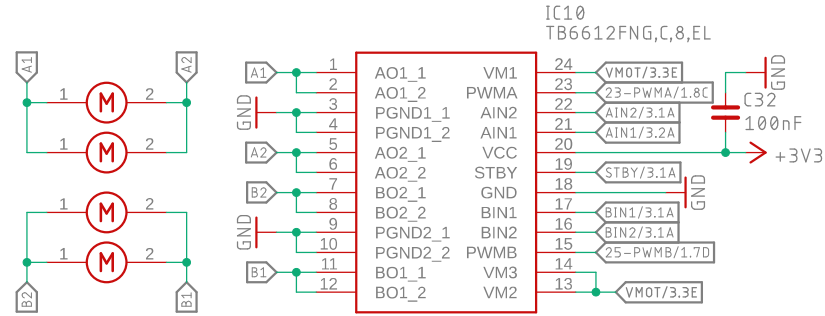
Light sensors



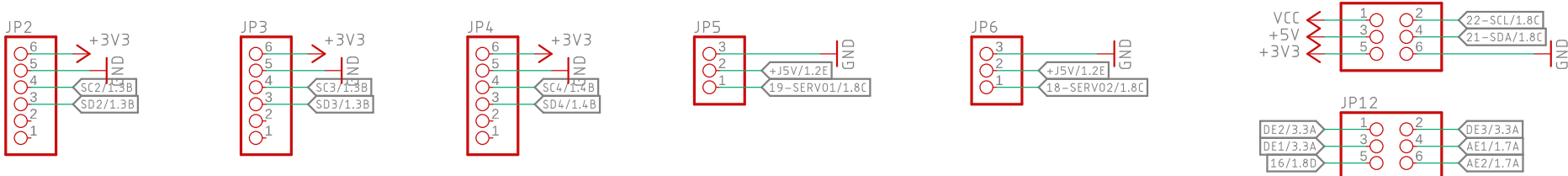
RGB sensors



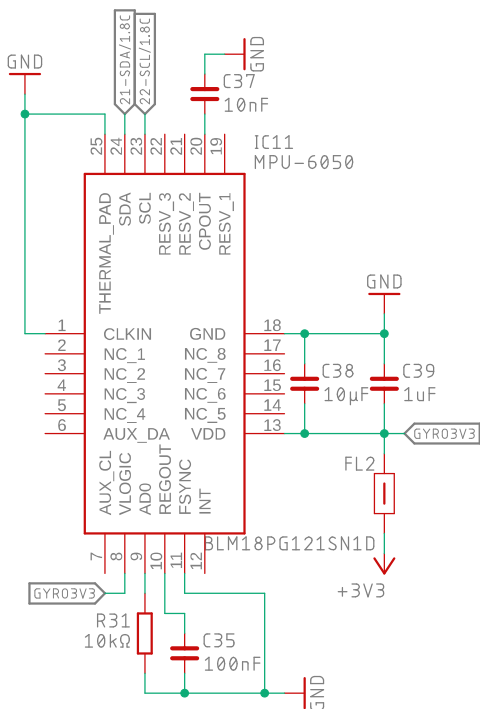
Motor driver



External pins

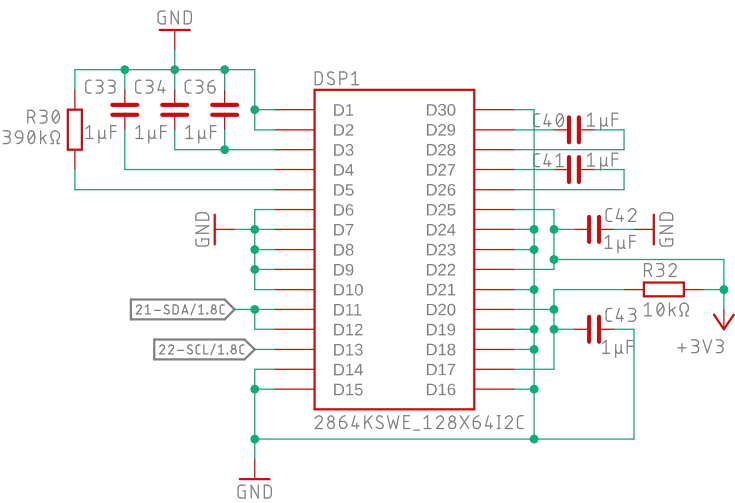


Gyro sensor



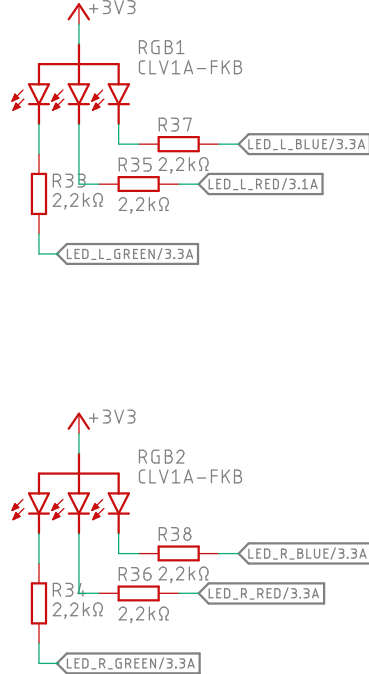
I2C Address: 0x51

128x64 px I2C display

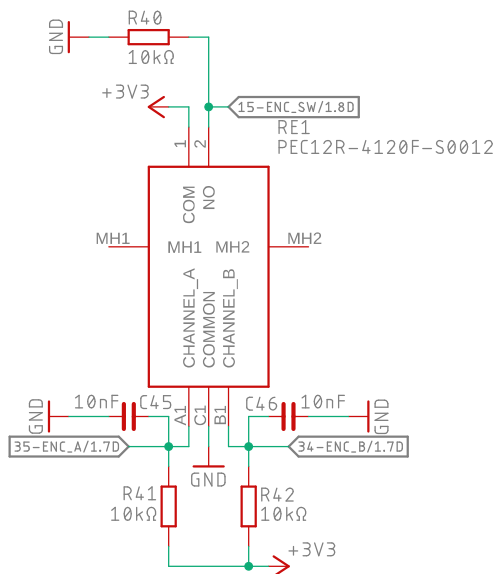


I2C Address: 0x3C

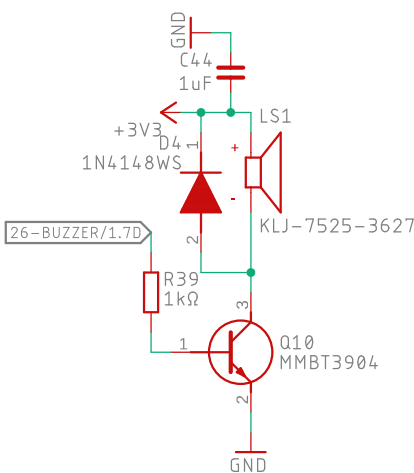
RGB LEDs



Rotary encoder



Magn. buzzer

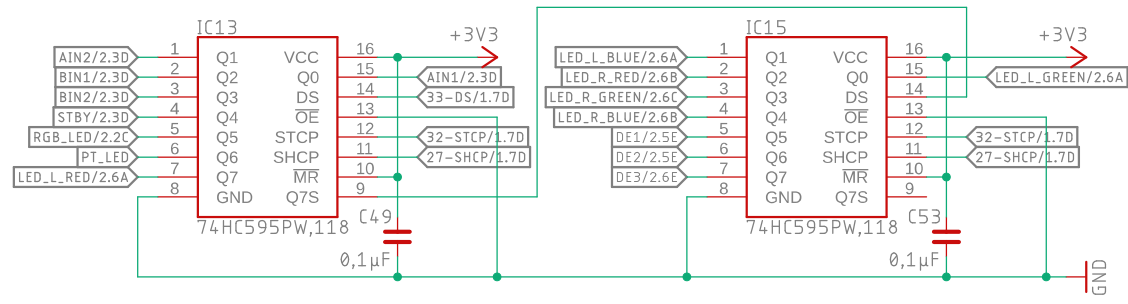


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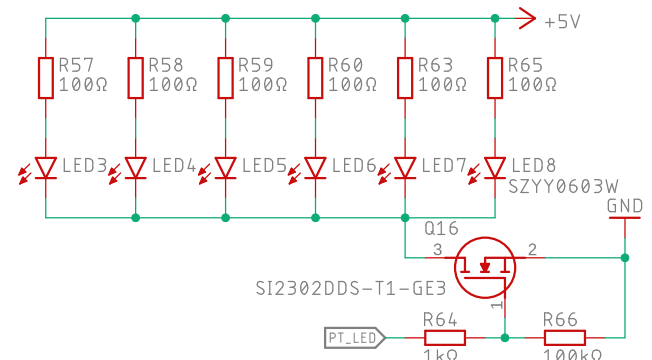


NanoBot	
Marvin Ramm	
08.04.2023 11:55	
Sheet: 2/3	REV: V2

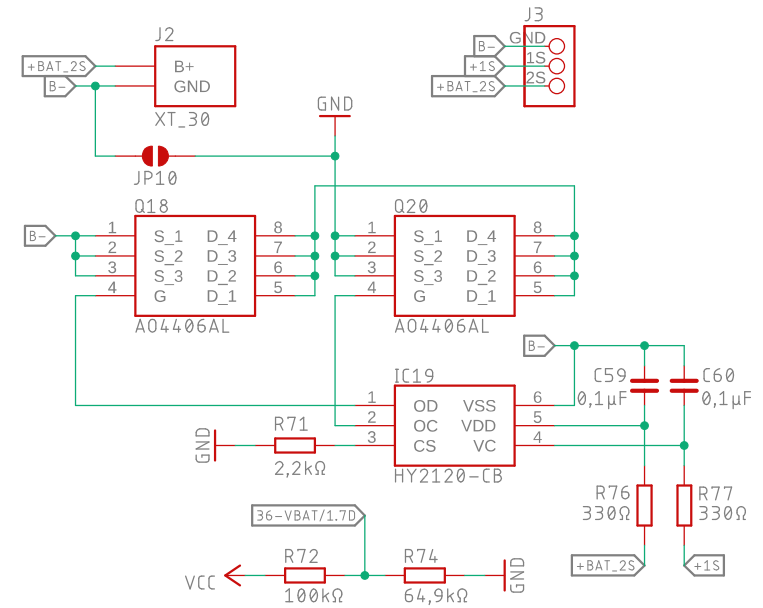
Shift registers



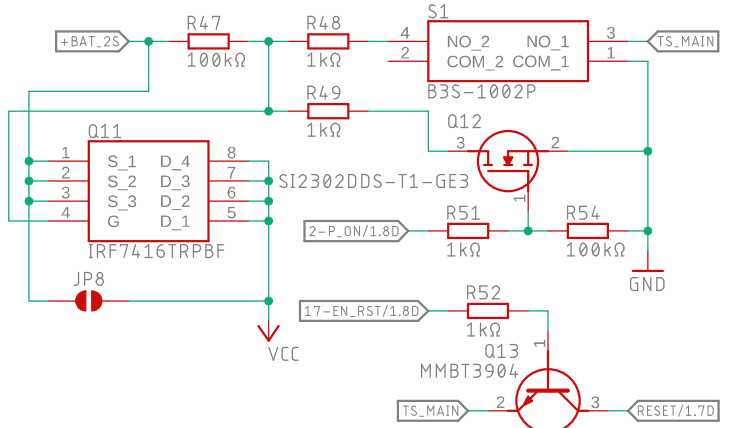
Light sensors LEDs



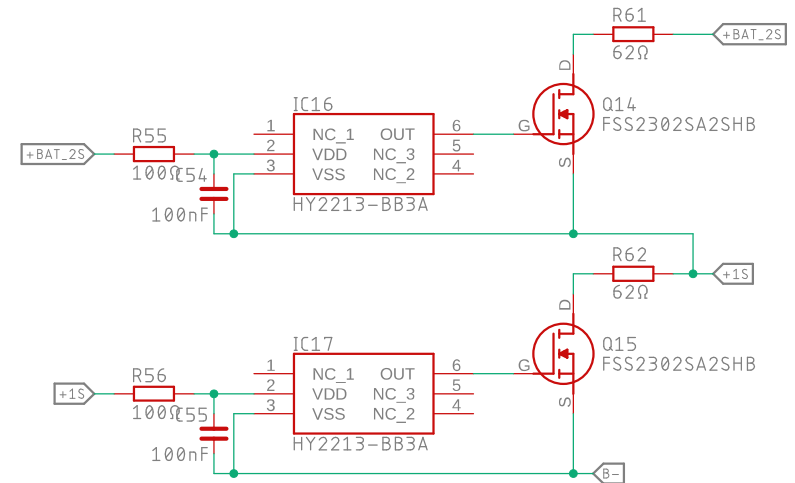
Li-Po protection



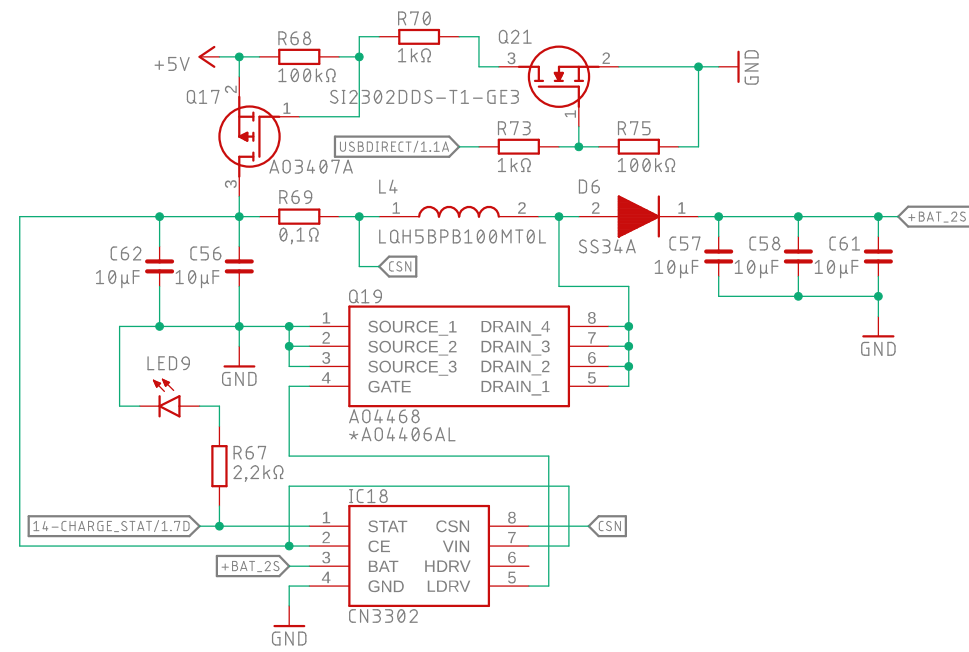
Power ON



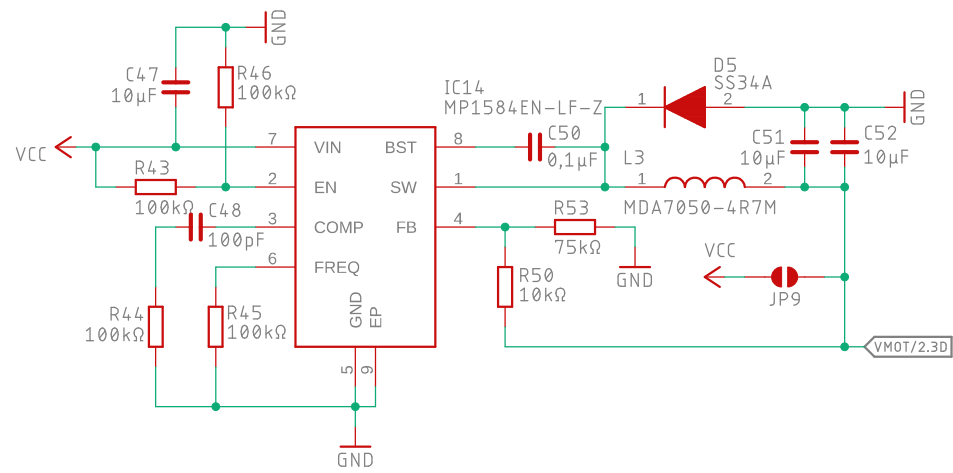
Li-Po battery balancer



Li-Po charger



Motor voltage regulator



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