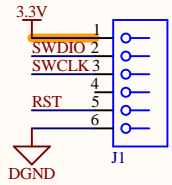
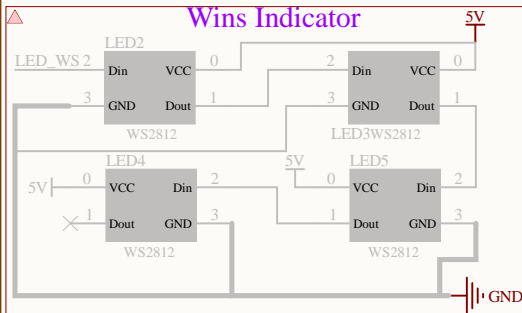


Debug&Download

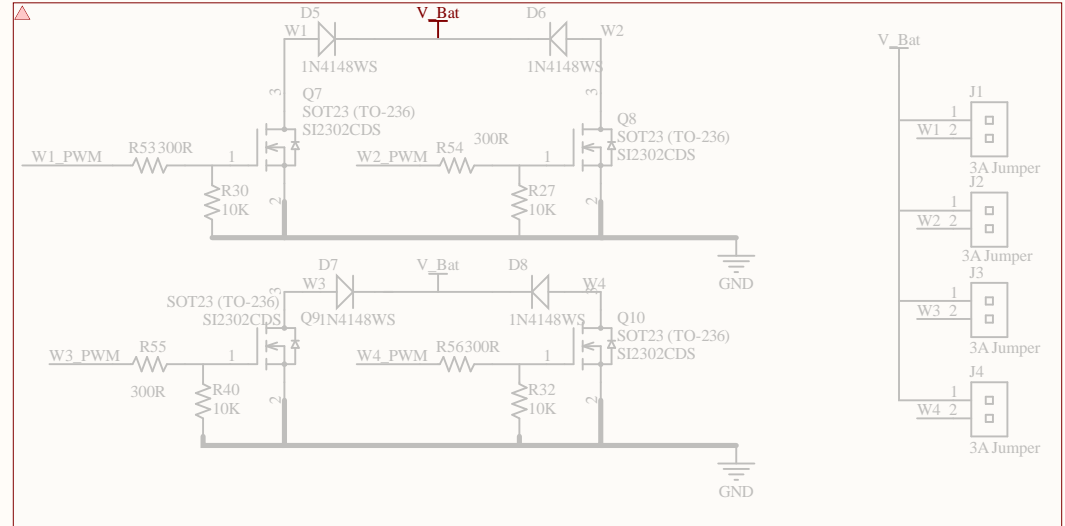


Wins Indicator



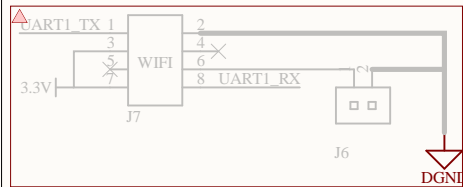
Wins control

Add diode to provide pass through

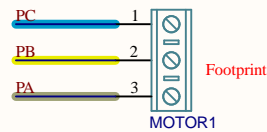


ESP8266

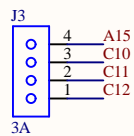
PD: Flash boot
Float: UART Download



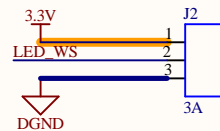
Motor connector



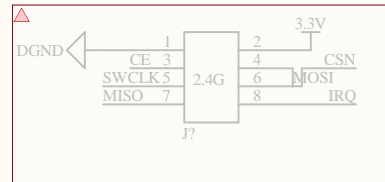
Step motor



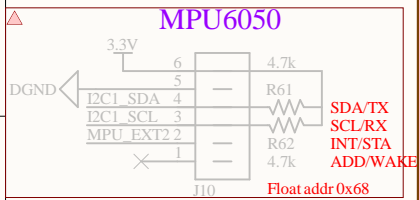
WS2812



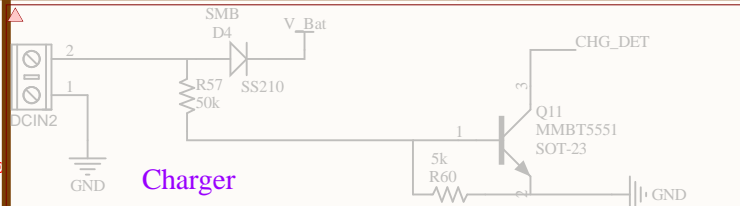
2.4G



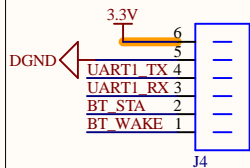
MPU6050



Charger

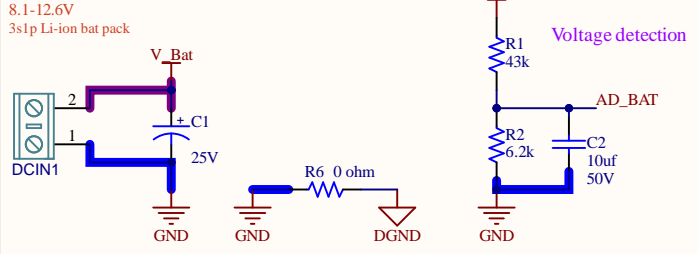


BT

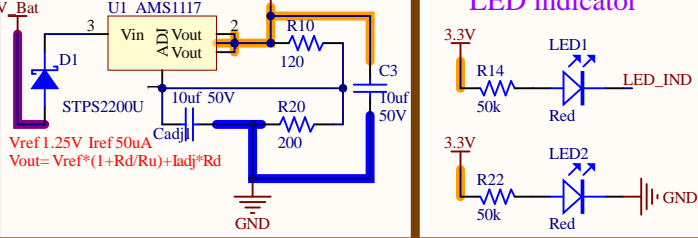


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Power

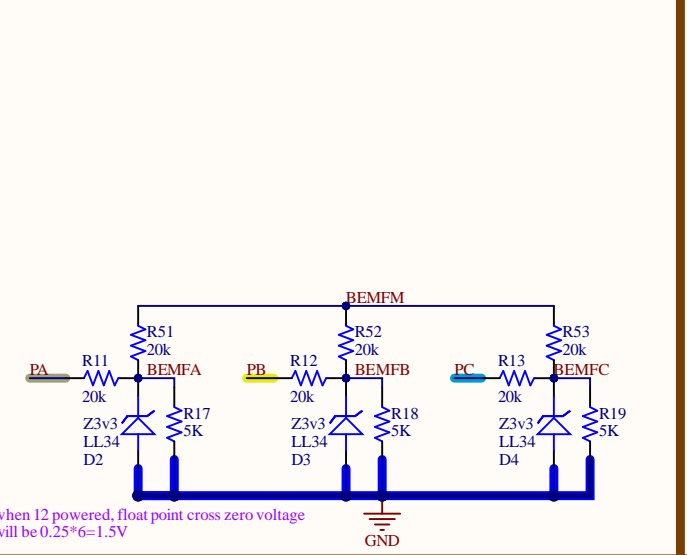


3.3V



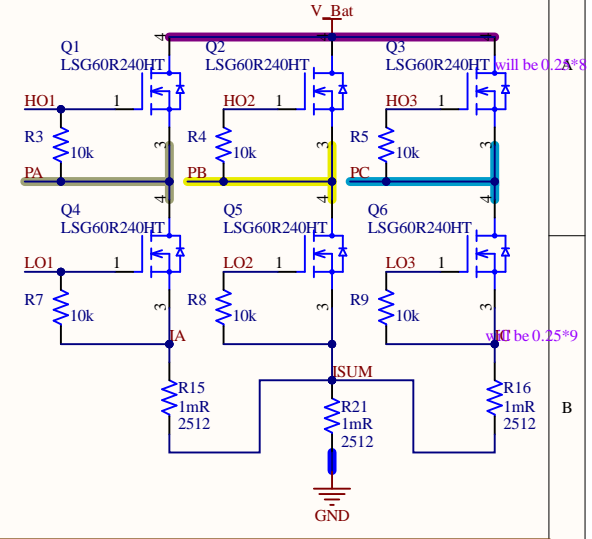
BEMF Detection

A0-A2 ADC1 In 【0-3】

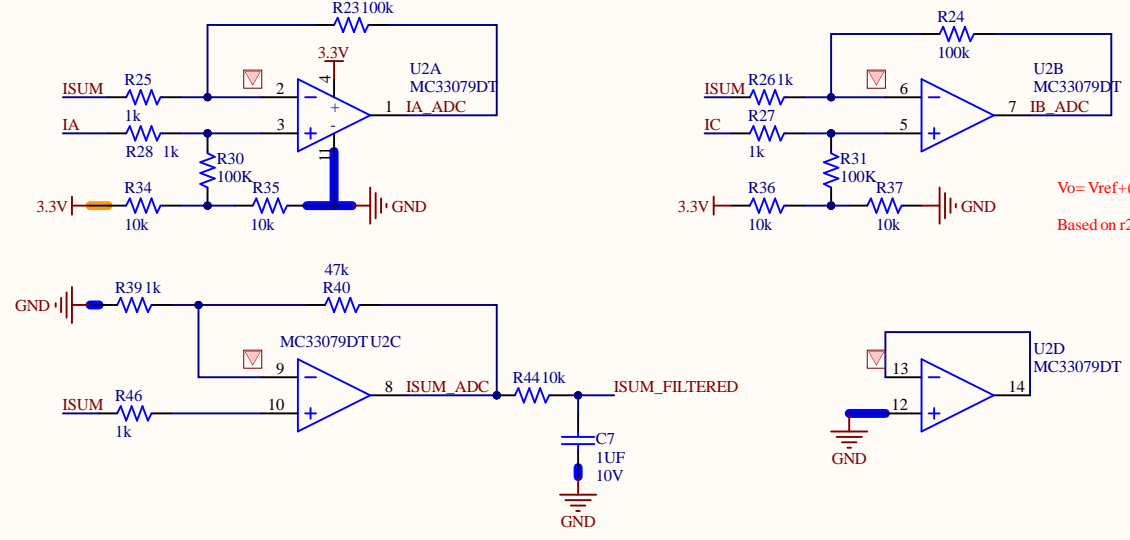
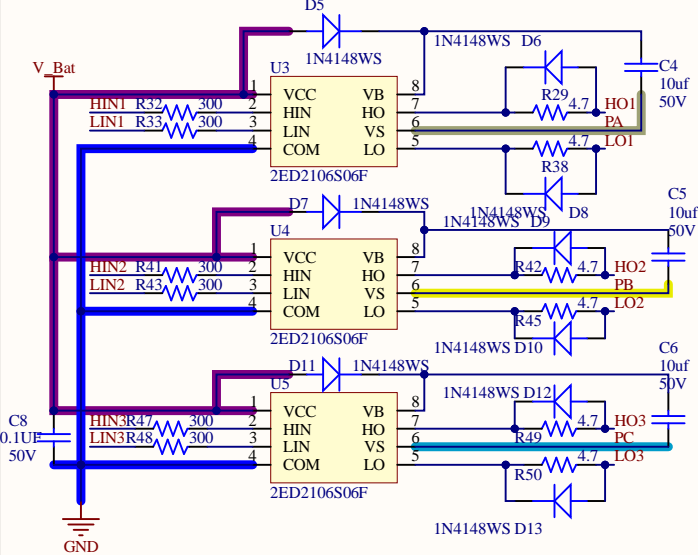


Motor Driver

30V 100A
5.5m ohm @Vgs 10V Vgs_th = 3V 20V max
100A



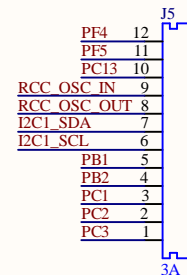
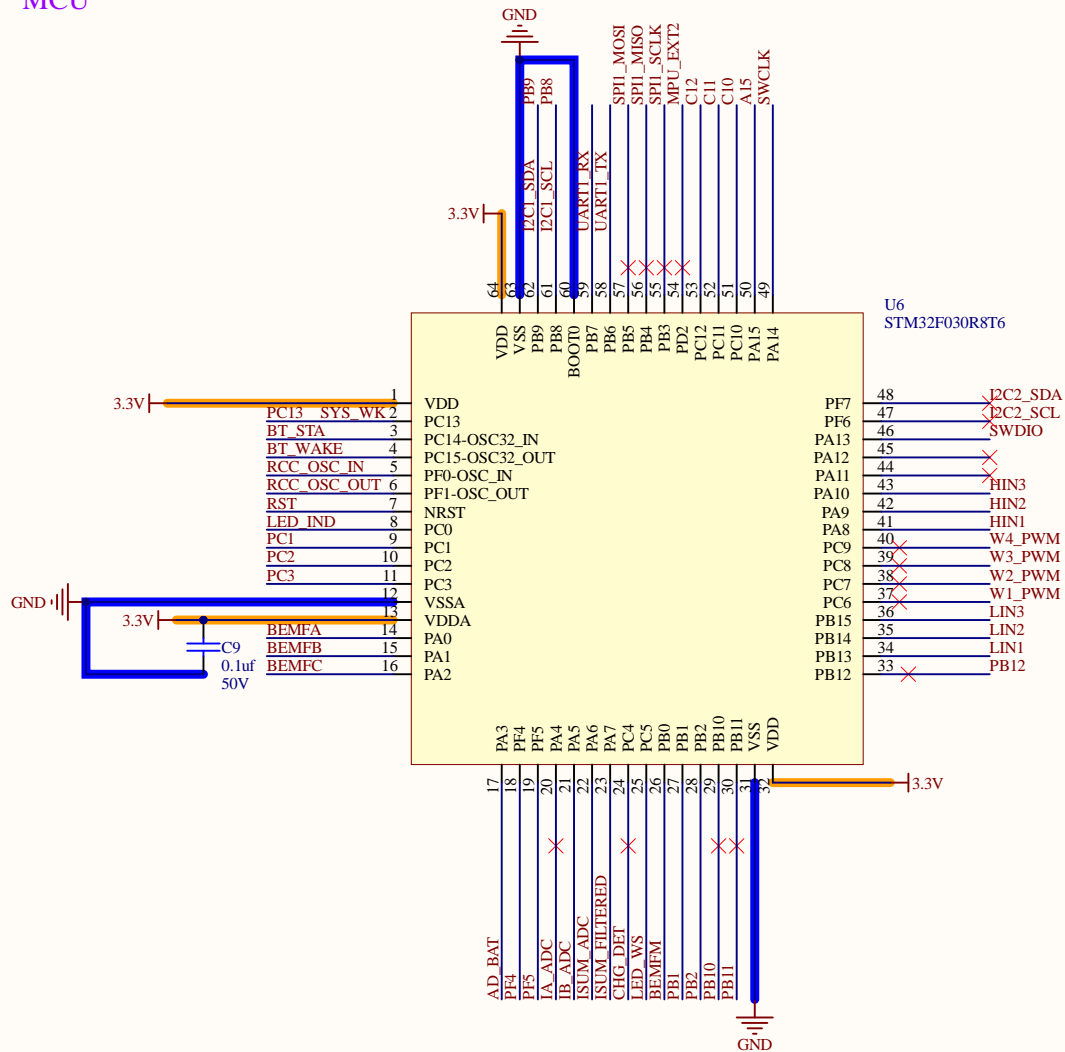
MOS Gate driver




Current sampling

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MCO



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