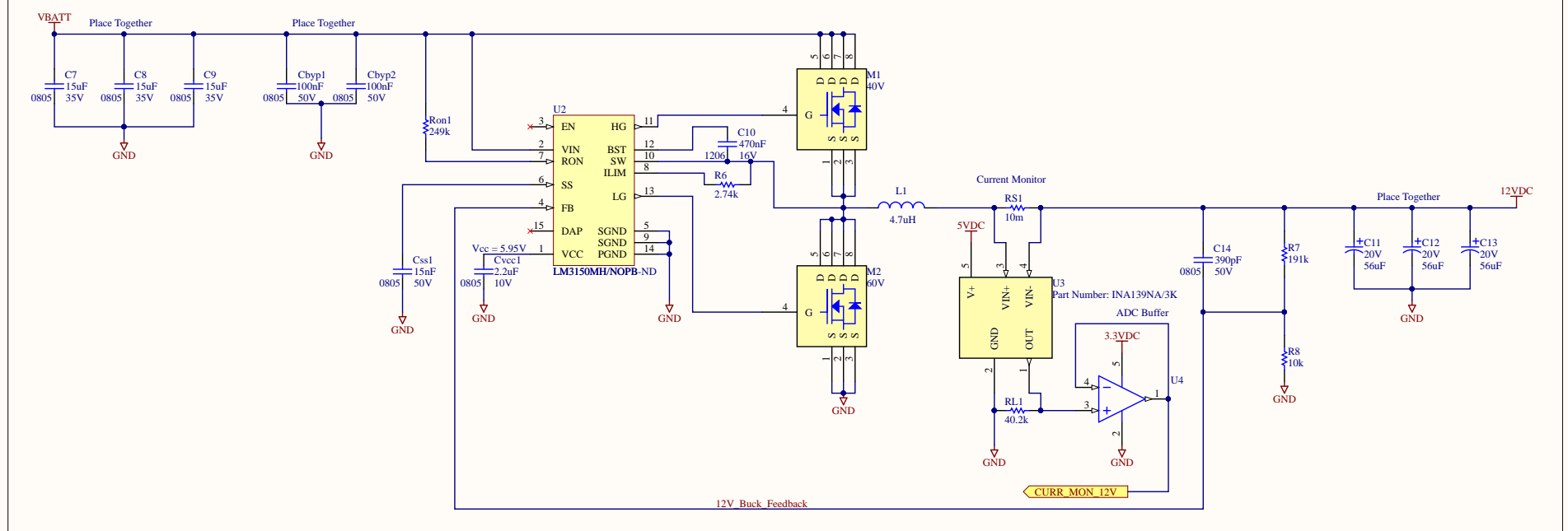
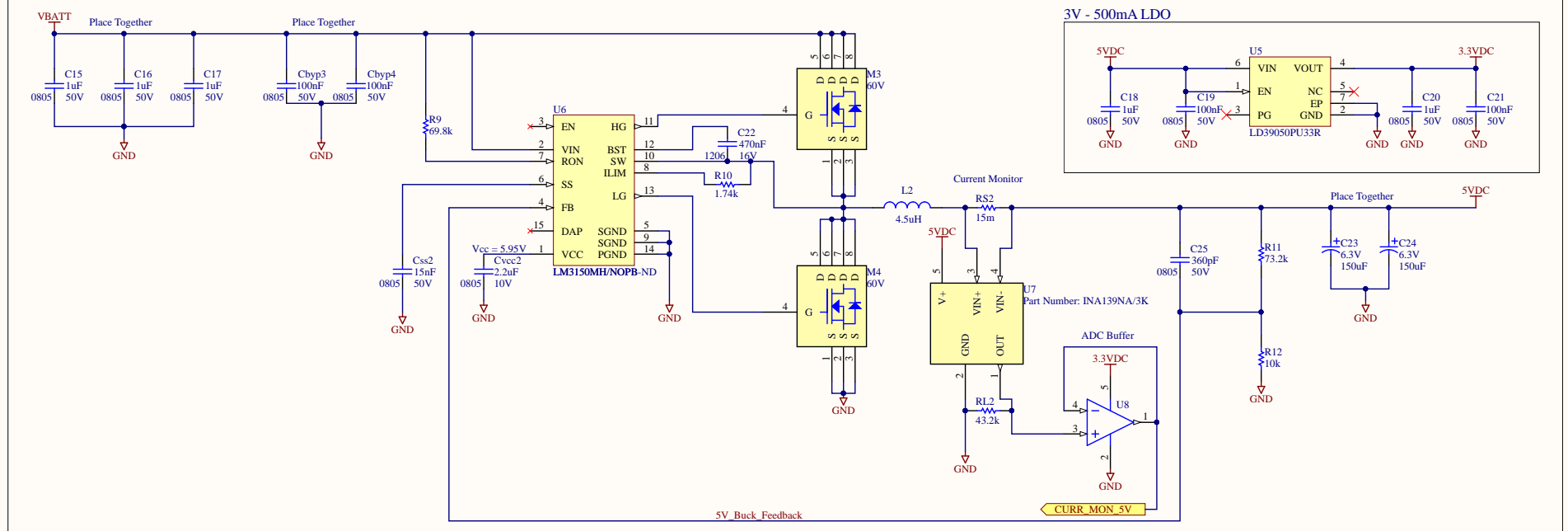


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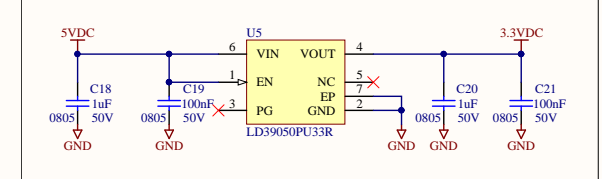
# 12V - 8A Converter



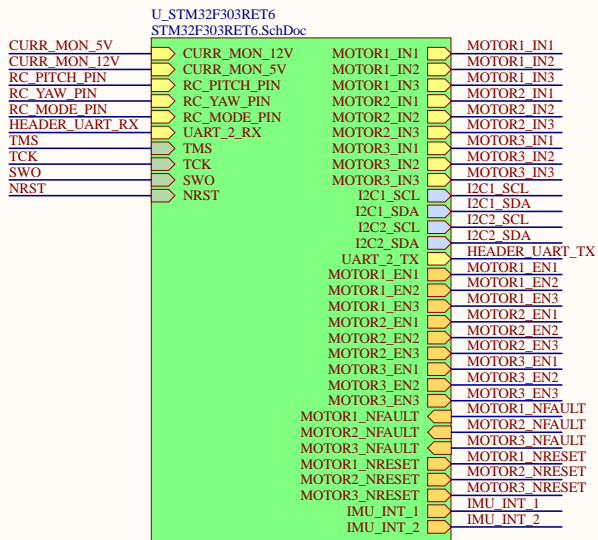
# 5V - 5A Converter



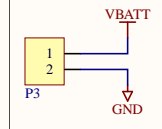
# 3V - 500mA LDO



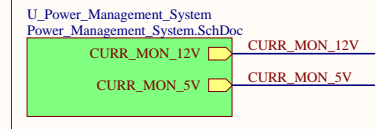
# STM32F303RE



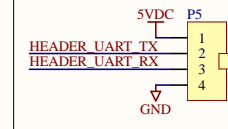
## Battery Connector - XT60



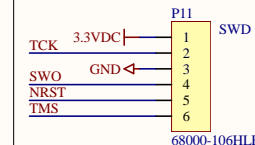
## 12V, 5V, 3.3V Regulators



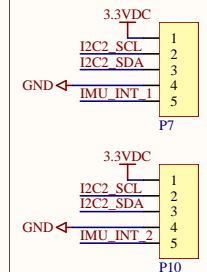
## UART - Raspberry Pi 3B+ Connector



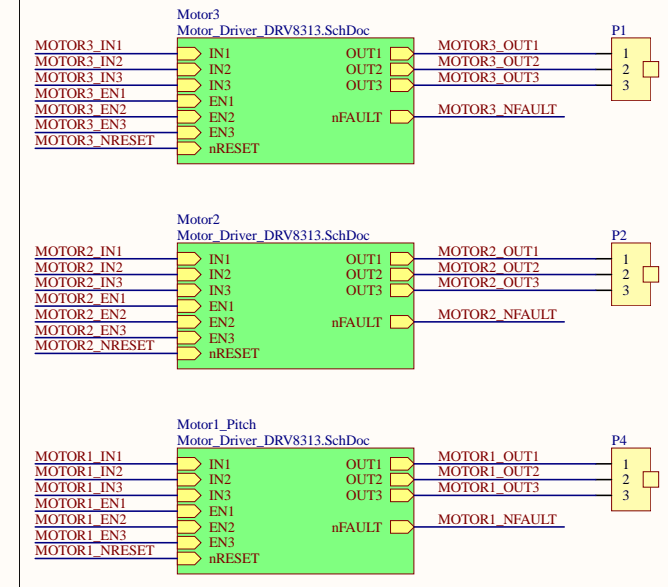
## JTAG Connector - Programming Interface



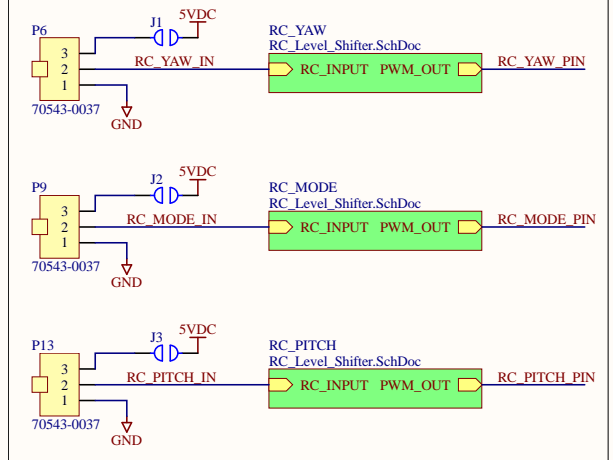
## I2C - IMU Connectors



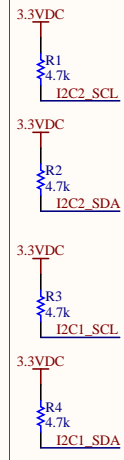
## PWM Motor Drivers



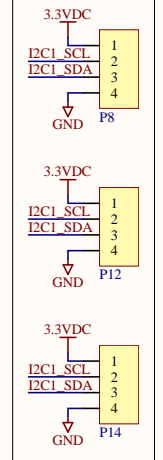
## RC Inputs and Level Shifts



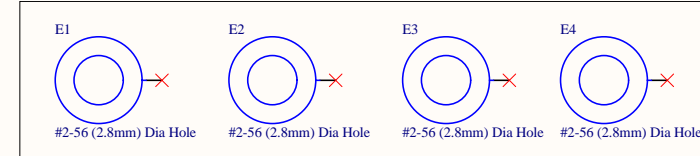
## I2C - BUS Pull-ups



## I2C - Encoder Connectors

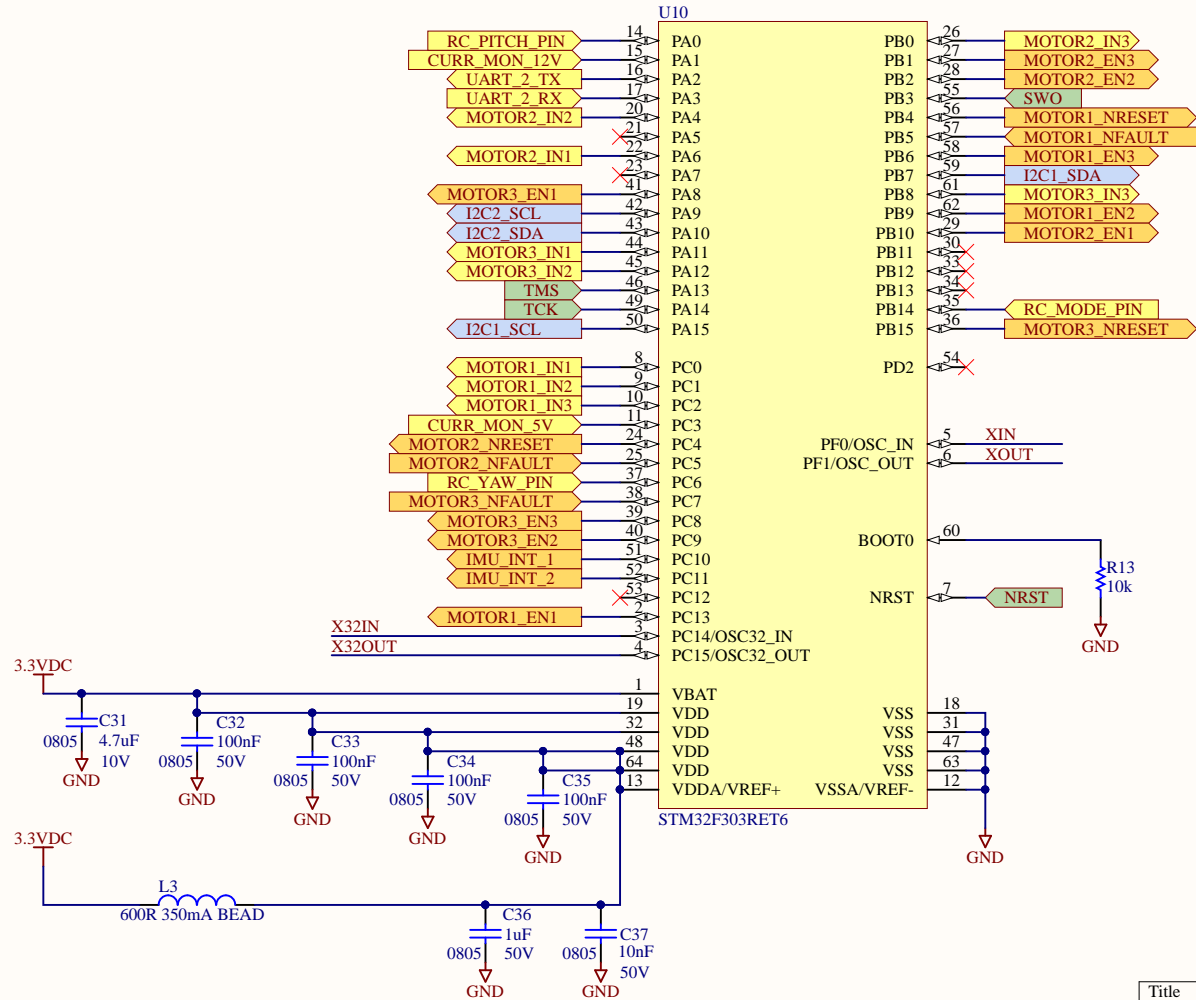


## Stack Mechanical Mounts

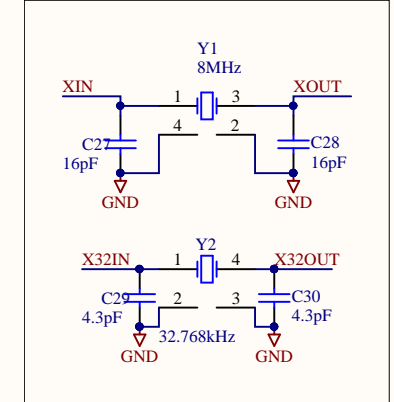


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For the STM32F303RE Below, the only pins that may be changed are in orange.



### External Clock Oscillators



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