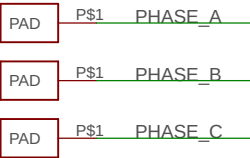


Power Board

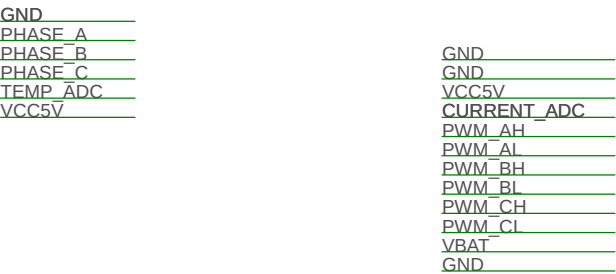
Power Pads



Motor Pads

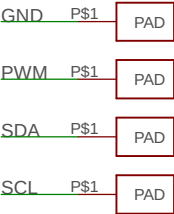


Interface between top and bottom board



Logic Board

Control Interface



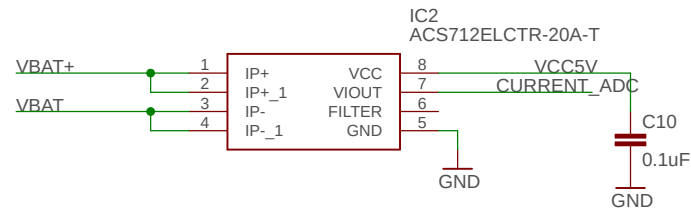
Interface between top and bottom board



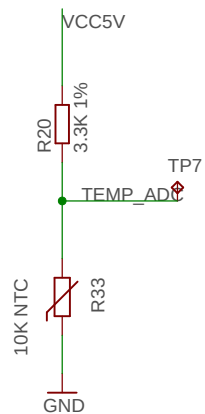


Power Board

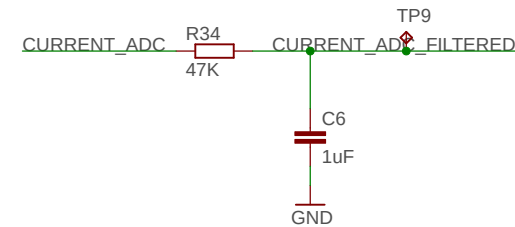
Current Sense



Temperature Sense

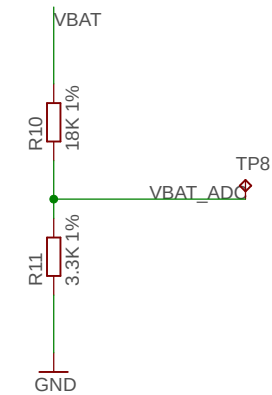


Logic Board



Current-sense low-pass filter, cutoff at 3.4 Hz

Voltage Sense



Blue Robotics

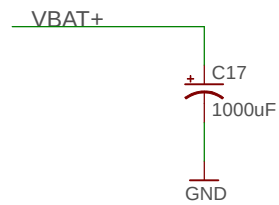
BlueESC
Current/Voltage/Temp Sensing

Date: 26-05-2018 03:44 PM

Sheet: 3/6

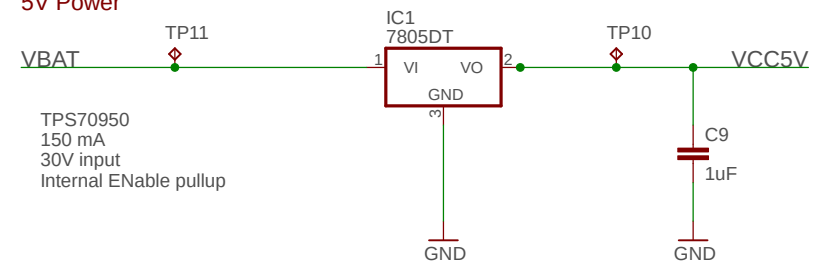
Power Board

Power Decoupling



Logic Board

5V Power

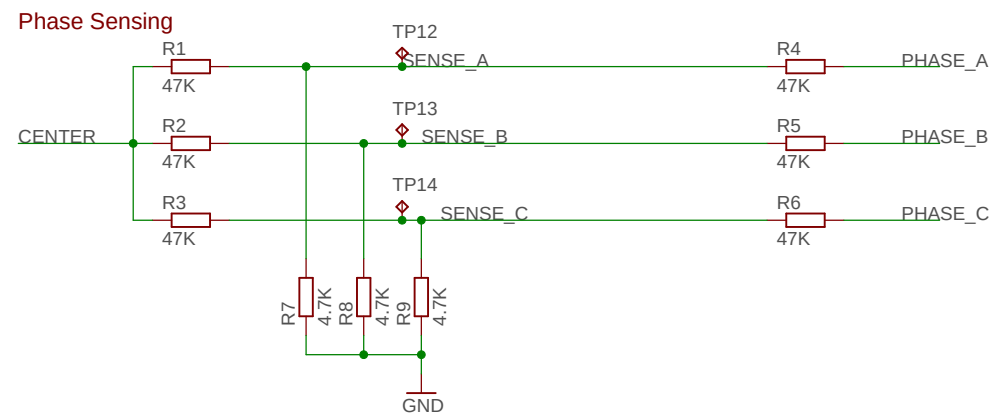


Blue Robotics

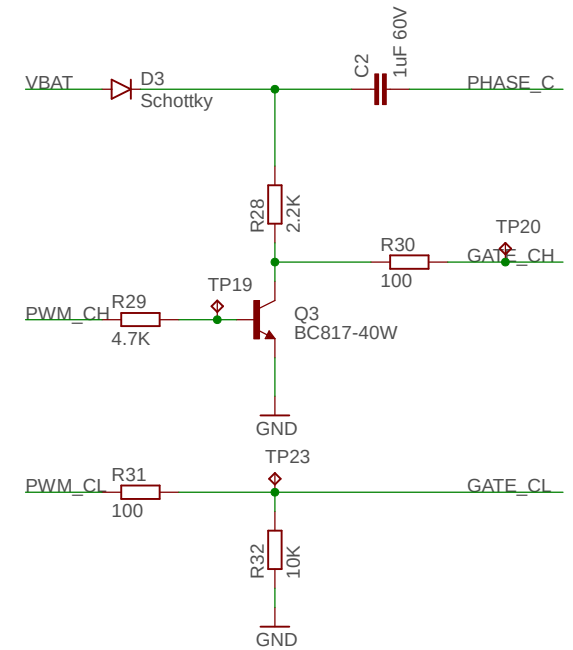
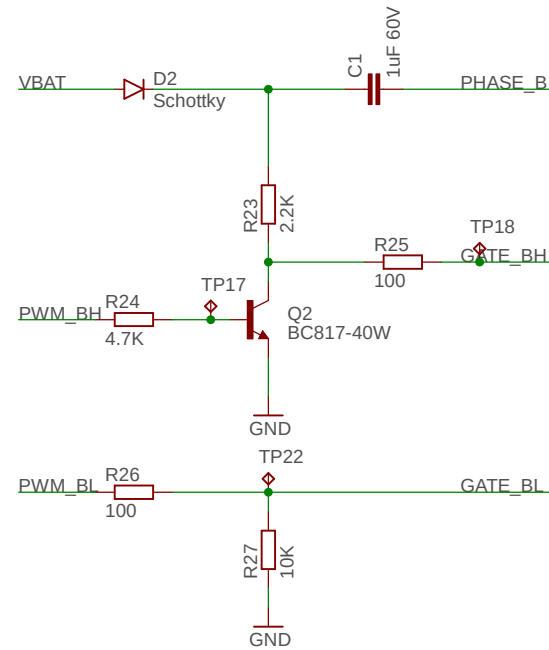
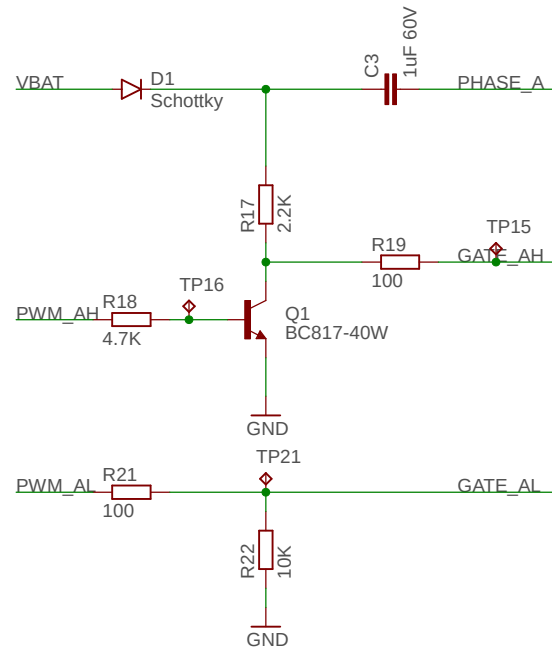
BlueESC
Main Power Caps and 5V Power

Date: 26-05-2018 03:44 PM

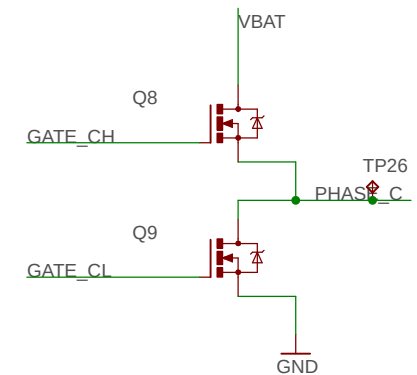
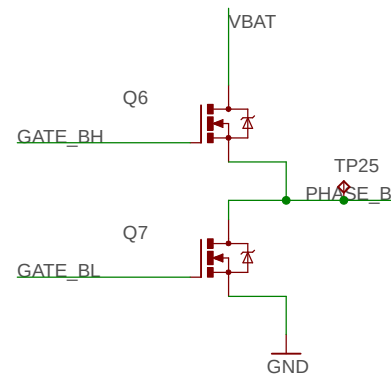
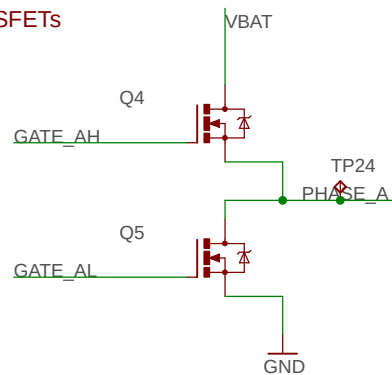
Sheet: 4/6



MOSFET Driving



MOSFETs



Blue Robotics

BlueESC
MOSFETs and Switching Circuitry

Date: 26-05-2018 03:44 PM

Sheet: 6/6