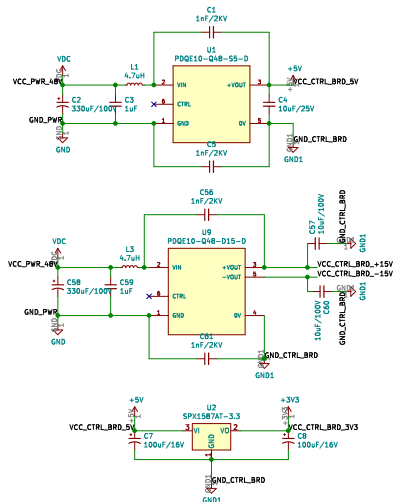


POWER FOR CONTROL BOARD



BUCK CONVERTER(+15V)

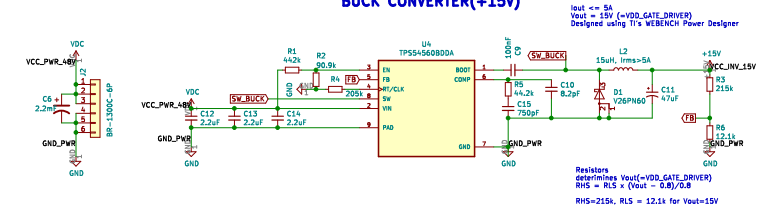


PHOTO COUPLER(GATE SIGNAL) : DSP TO IPM

Isolate ground plane of control board from ground plane of inverter and power
 1. anode
 2. Not Connected
 3. Cathode
 4. GND → GND1 = GND_INV
 5. Vout
 6. VCC_INV

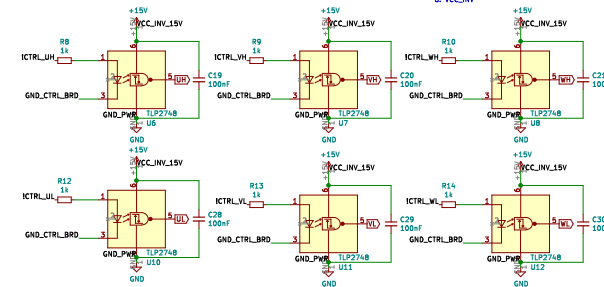
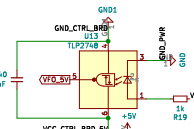
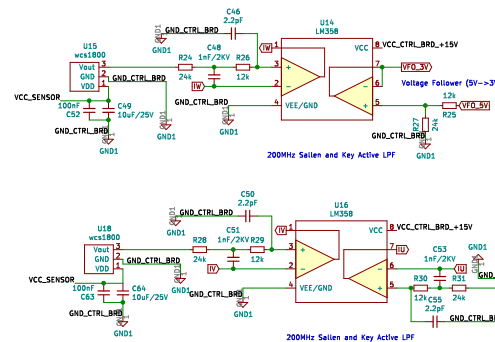


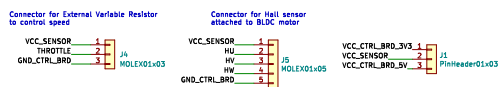
PHOTO COUPLER(VFO) : IPM TO DSP



CURRENT SENSOR & VFO

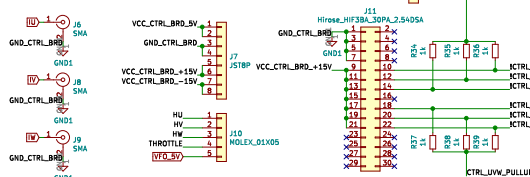


HALL SENSOR & THROTTLE CONNECTOR

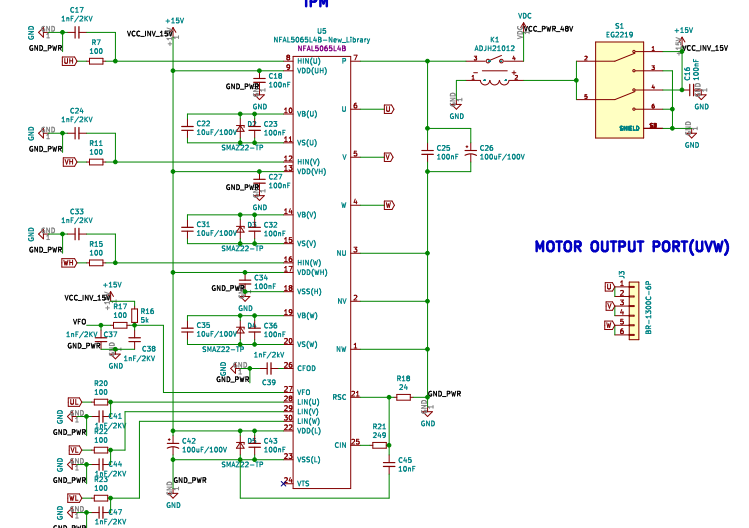


PORTS FOR EXTERNAL CONTROL BOARD

Just in case the launchpad fails



RELAY SWITCH FOR IPM



MOTOR OUTPUT PORT(UVW)

