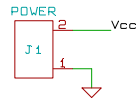
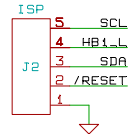


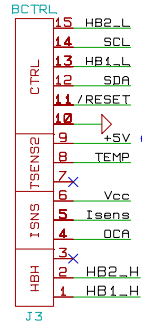
H-Bridge Power Module



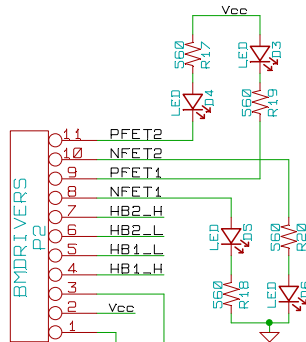
Motor Power Input, 20V to 30V



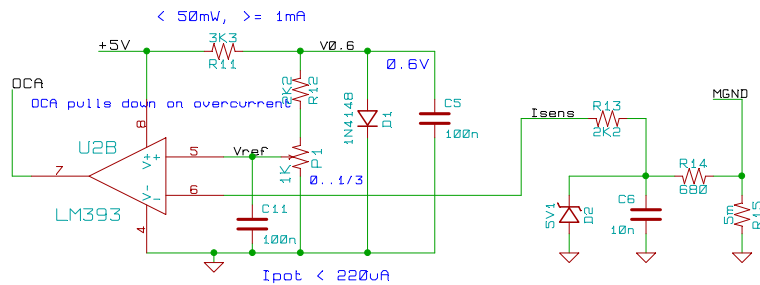
H-Bridge module control interface



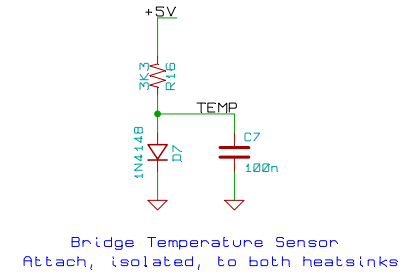
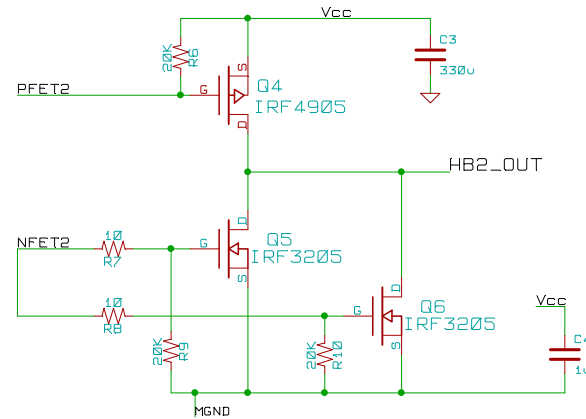
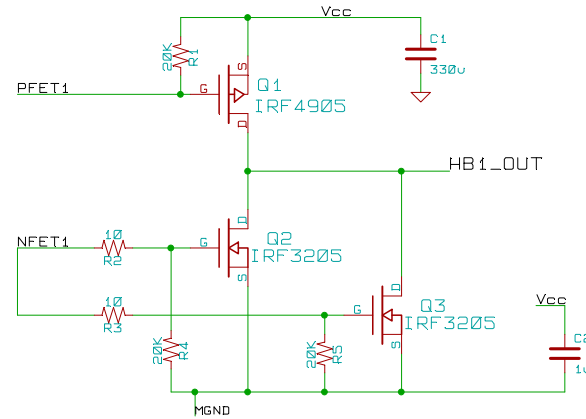
+5V Feeds uC board w/ 5V



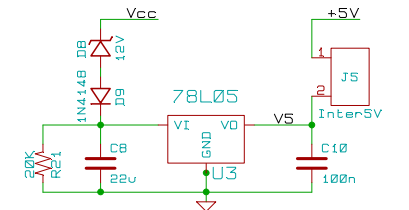
Join these GND at the POWER conn only



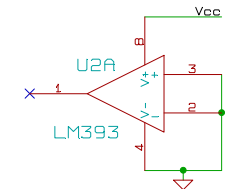
Measure motor current and overcurrent alarm



Bridge Temperature Sensor
Attach, isolated, to both heatsinks



Regulator for ucontroller (50mA max)
Zener w/ long leads for heat diss.



| | | |
|--|-------------------|---------|
| File: bridge-power.sch | | |
| Sheet: / | | |
| Title: H-Bridge Power Module | | |
| Size: A4 | Date: 12 nov 2011 | Rev: 1 |
| KiCad E.D.A. EESchema (20090216-final) | | Id: 1/1 |