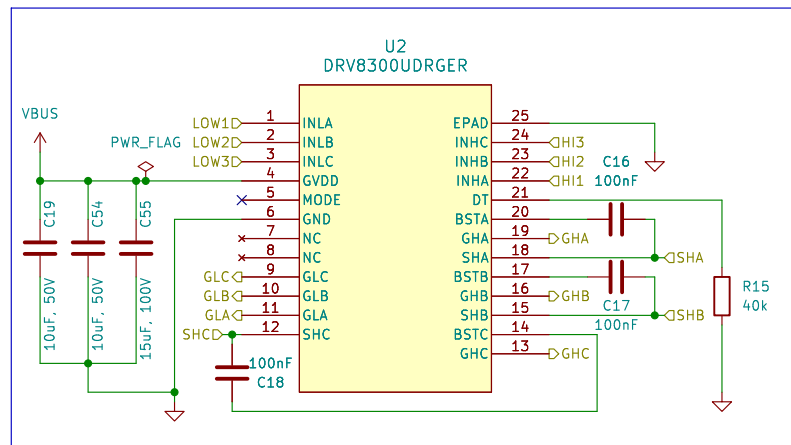
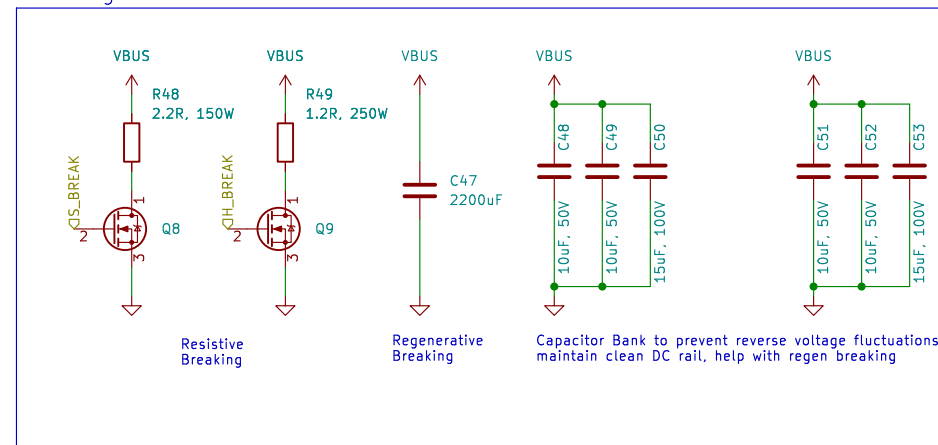


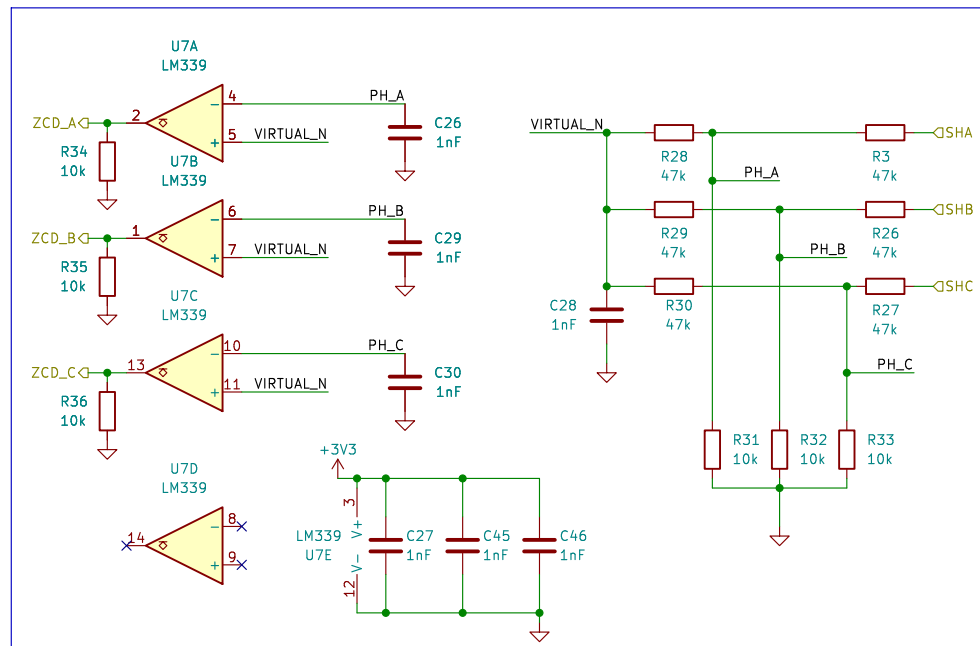
Gate Driver



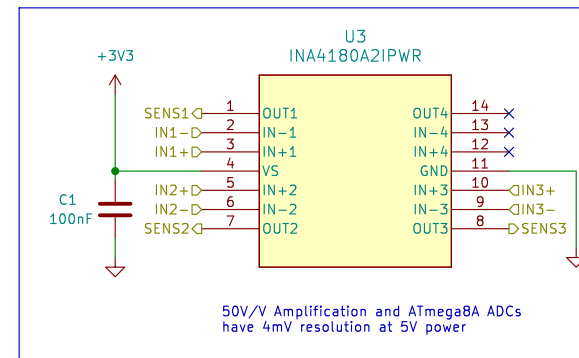
Breaking



BEMF Detection



Feedback



Sheet: /Interfacing/
File: Interfacing.kicad_sch

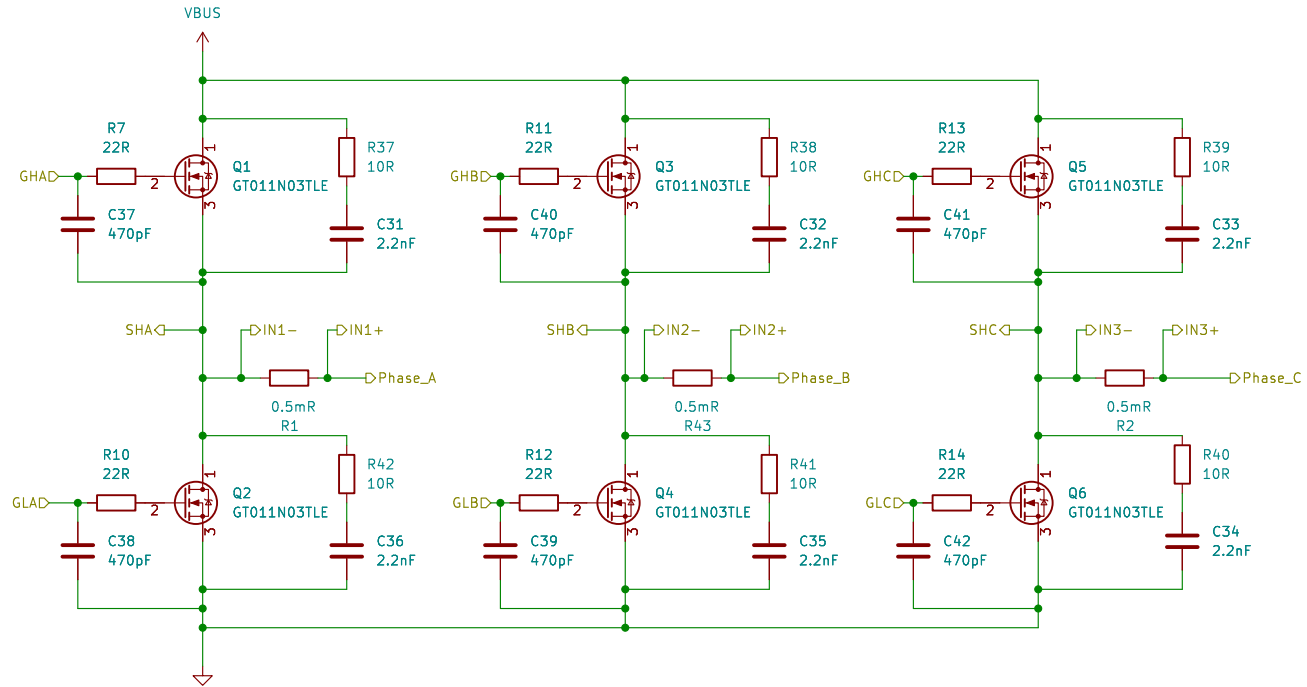
Title:

Size: A4
KiCad E.D.A. eeschema 7.0.7

Date:

Rev:
Id: 3/5

Mosfets



1mOhm shunt resistors rated for upto 3W dissipation.
 $I_{min} = 1A$, $I_{max} = 40A \rightarrow V_{min} = 0.5mV$, $V_{max} = 20mV$;
 $P_{min} = 0.5mW$, $P_{max} = 0.8W$.

Sheet: /Mosfets/
File: Mosfets.kicad_sch

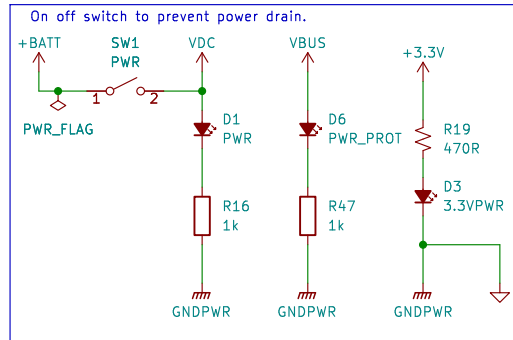
Title:

Size: A4
KiCad E.D.A. eeschema 7.0.7

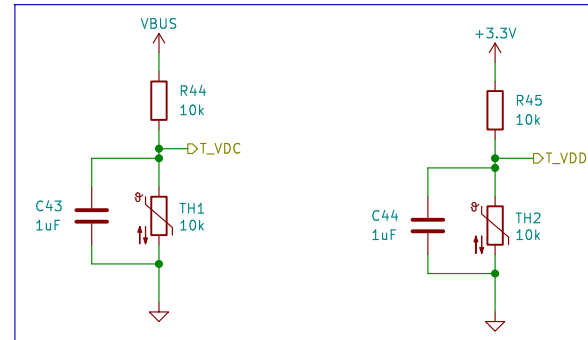
Date:

Rev:
Id: 5/5

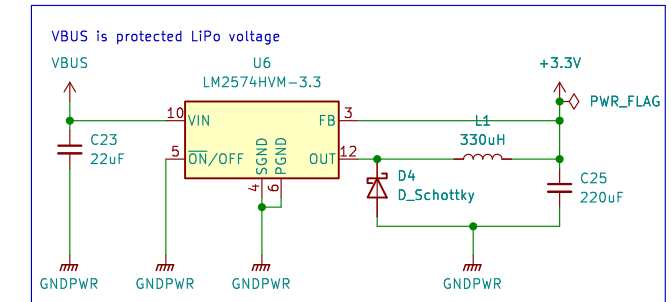
Power Signal Indicators



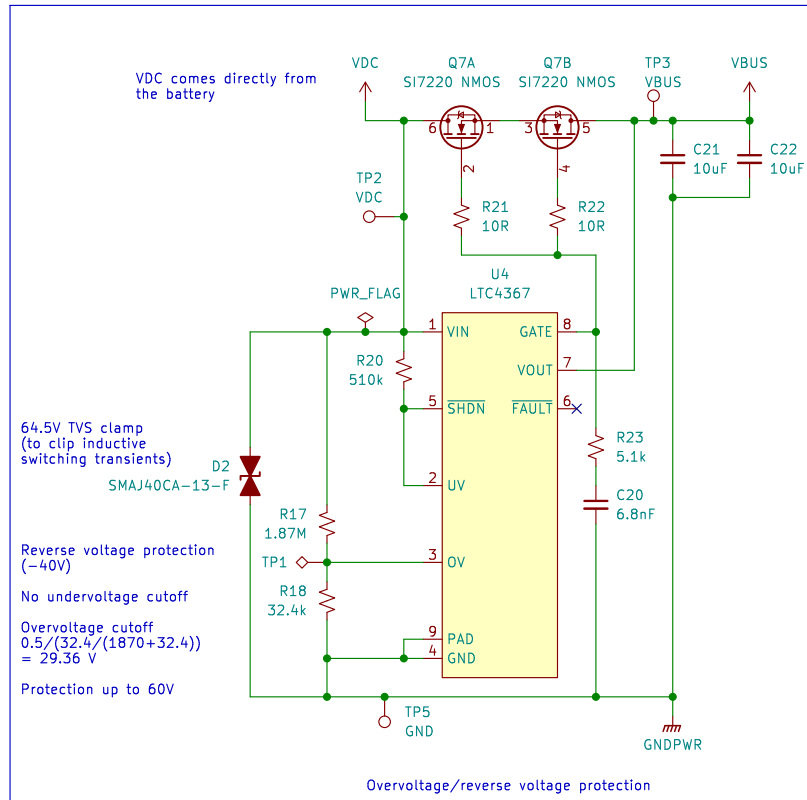
Temp Sensors



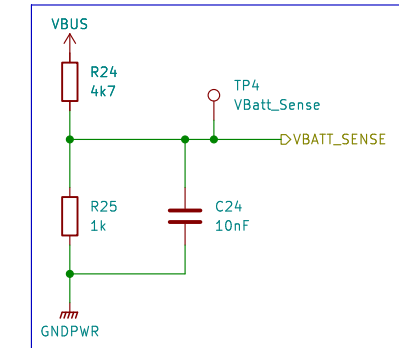
Buck Converter upto 500mA current at 3.3V



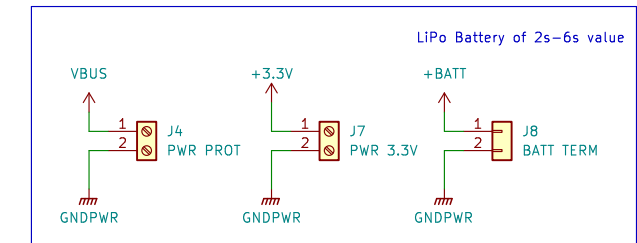
Battery Protection



Battery Voltage (Charge) Sensor



PWR Input and Outputs



Digital Power Supply

Sheet: /Power/
File: Power.kicad_sch

Title:

Size: A4

Date:

KiCad E.D.A. eeschema 7.0.7

Rev:

Id: 6/5