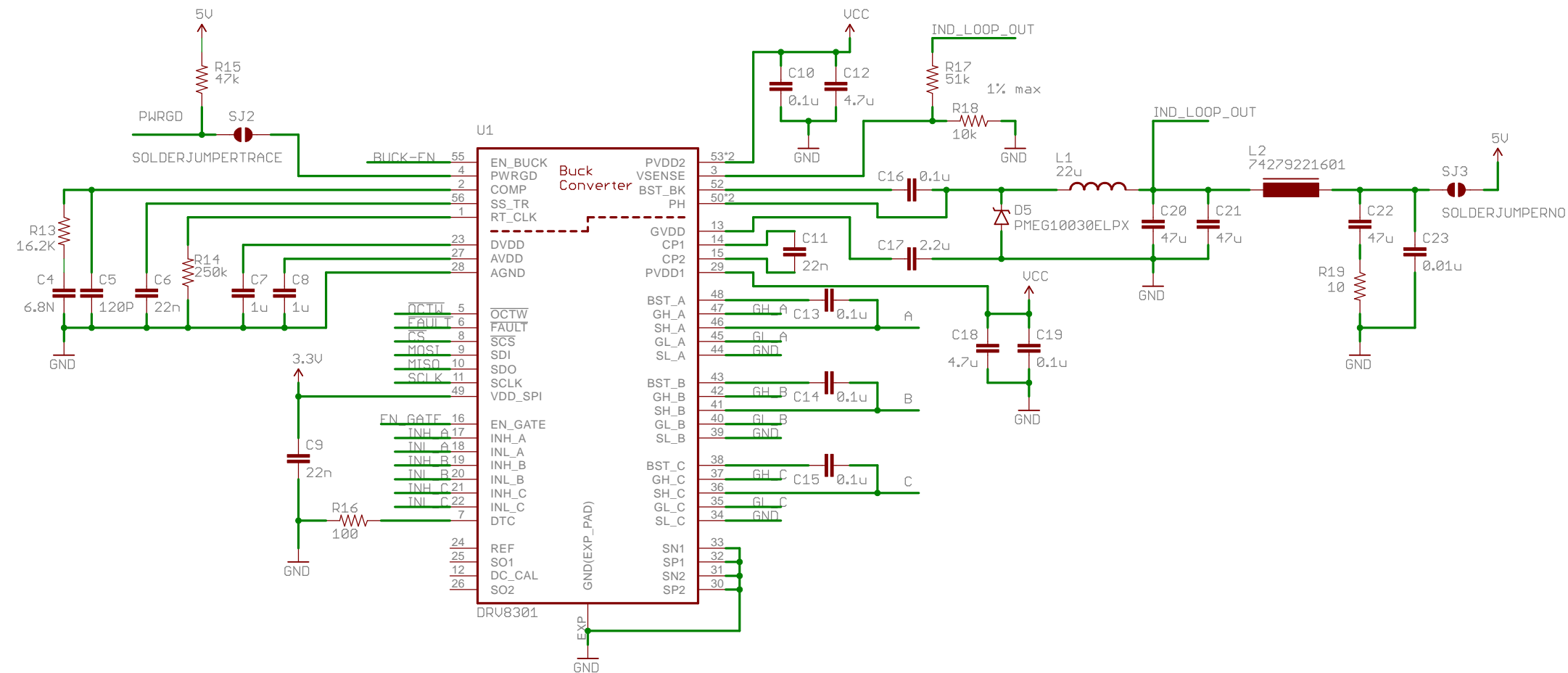


Notes:
-All resistor tolerances 1% unless specified
-All capacitors ceramic unless specified

Input Protection		
TITLE: Main		
Design by: Thomas D'Agostino		REV: B
Date: 1/29/2017 3:24:01 PM		Sheet: 1/6

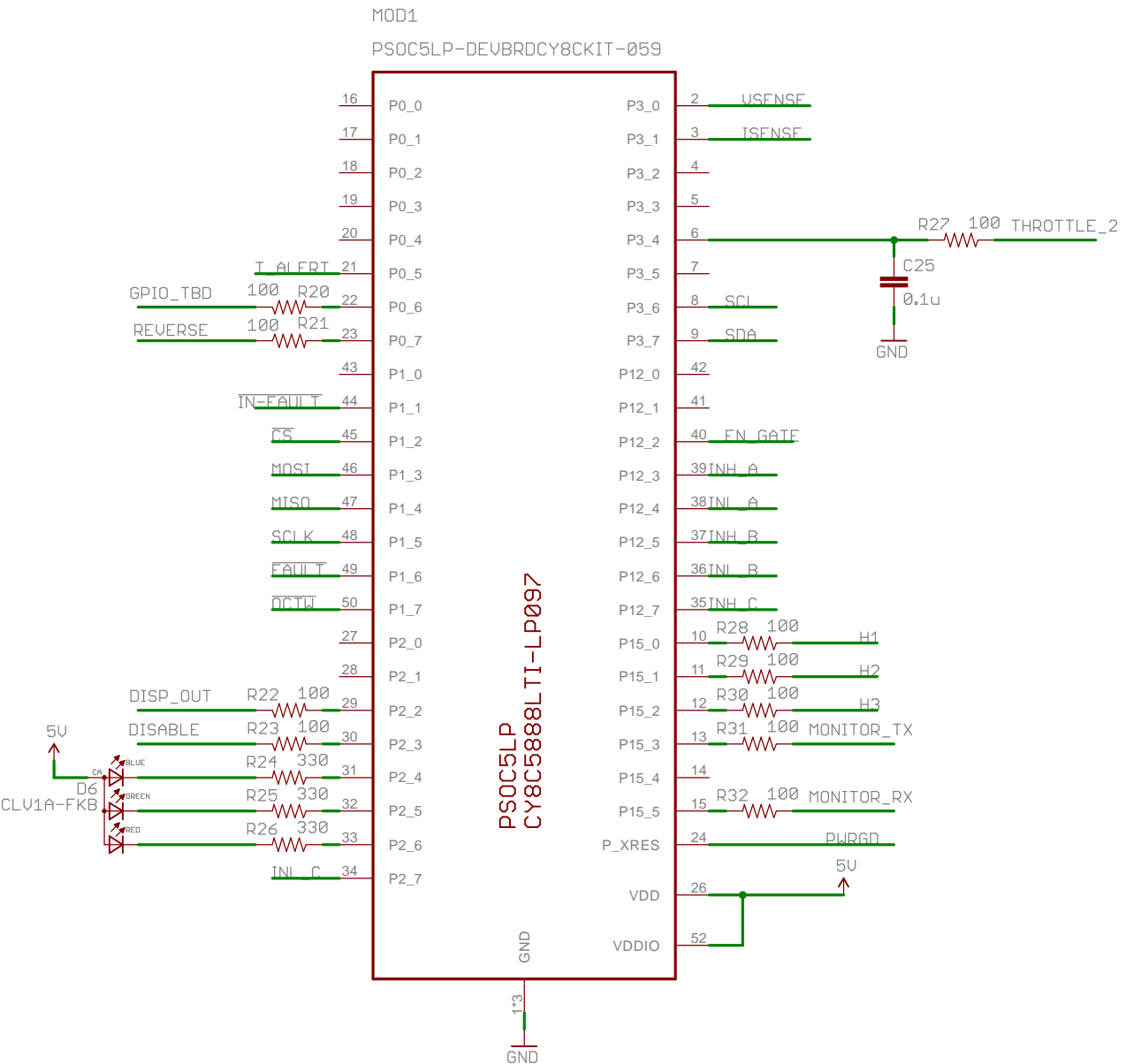
Gate Driver and Power Supply



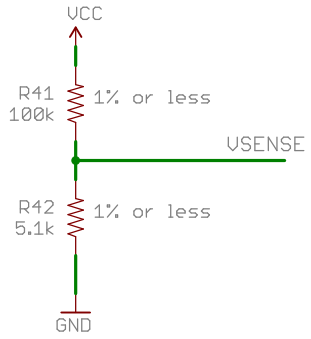
Notes:

- All resistor tolerances 1% unless specified
- All capacitors ceramic unless specified

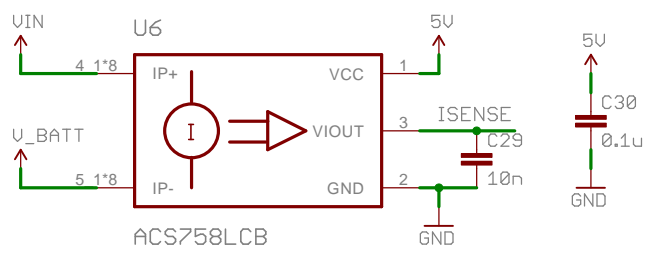
MCU



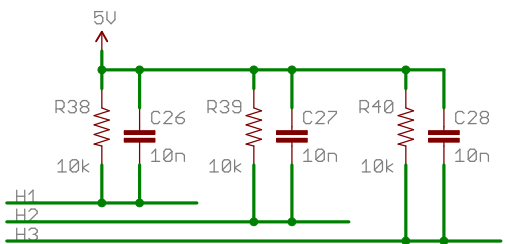
Battery Voltage Divider



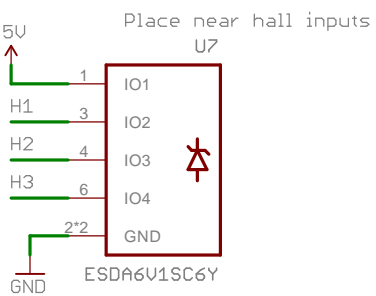
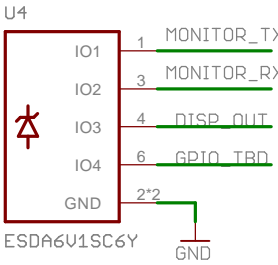
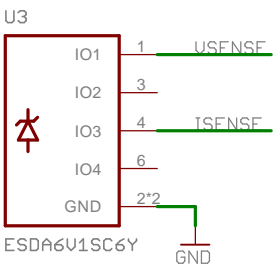
Hall-Effect Current Sensor



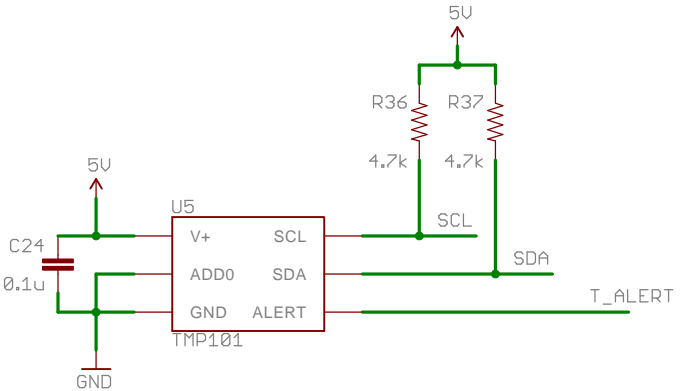
Motor Hall Sensor Filters



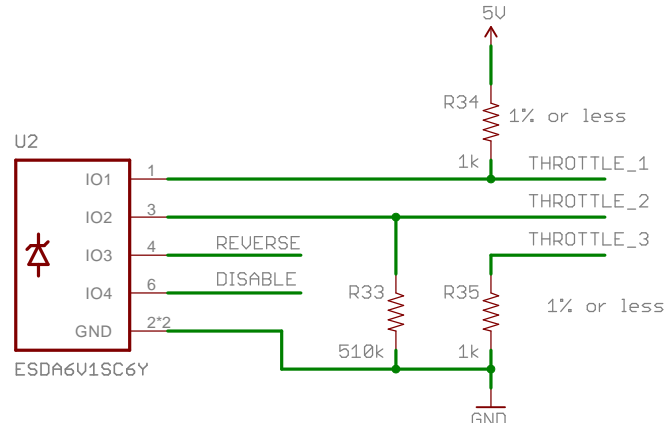
IO Protection



Temperature Sensor

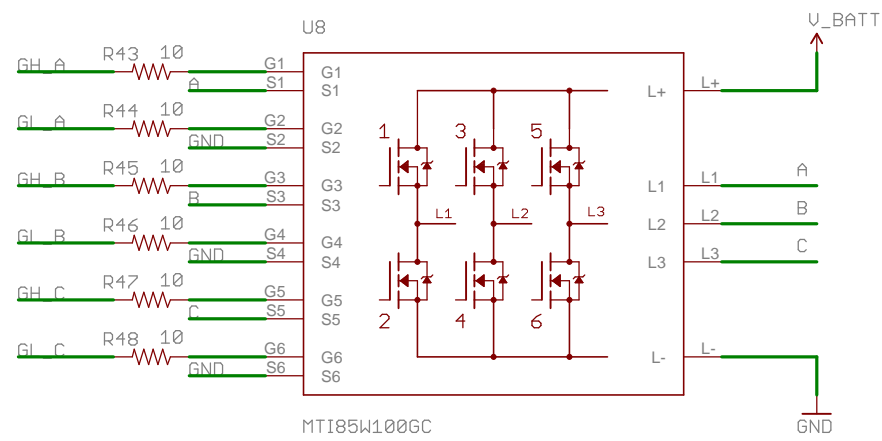


Throttle Input Divider and Protection

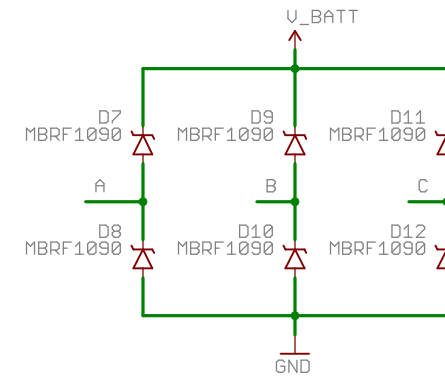


Notes:
-All resistor tolerances 1% unless specified
-All capacitors ceramic unless specified

Power FET Module



Freewheeling Diodes



Notes:

- NOTES:
-All resistor tolerances 1% unless specified
-All capacitors ceramic unless specified

Power Stage

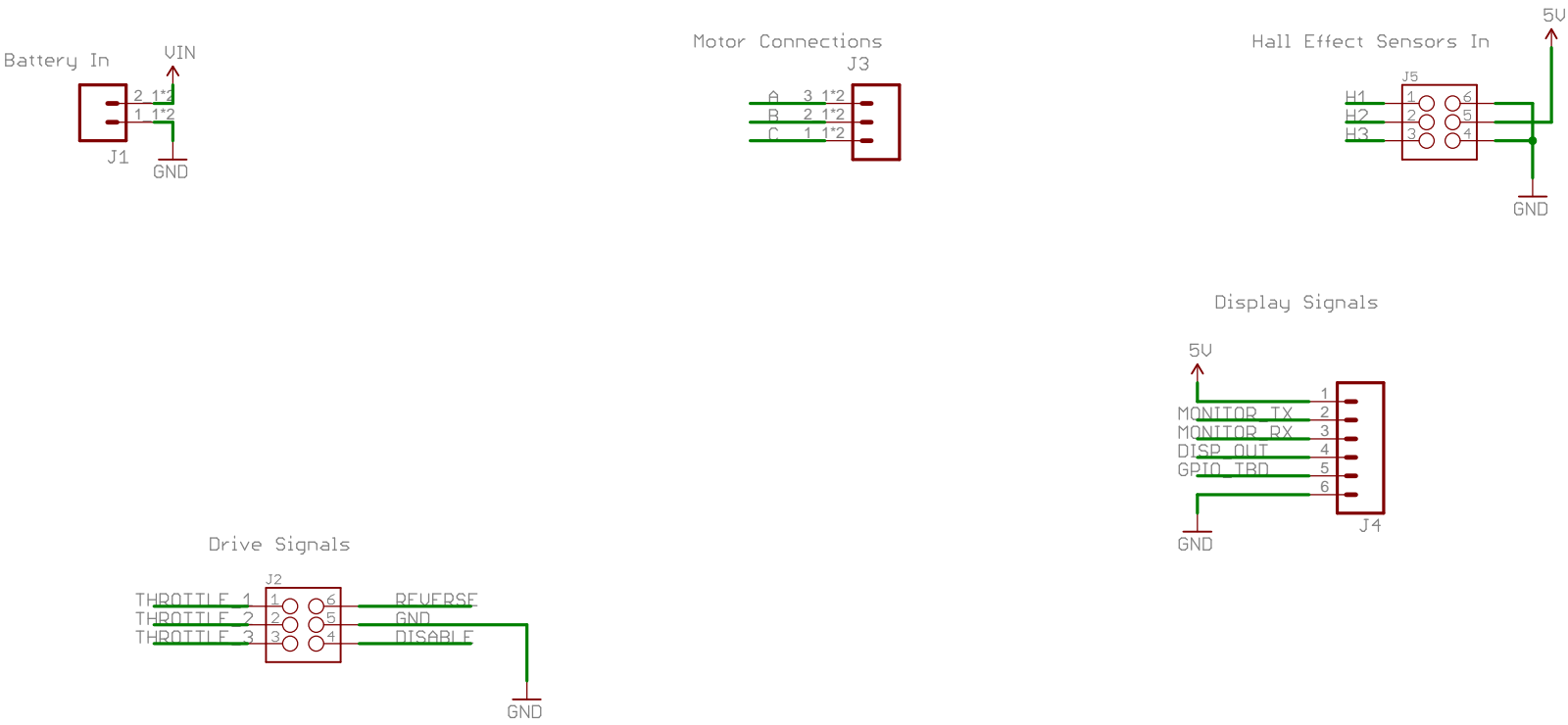
TITLE: Main

Design by:
Thomas D'Agostino

REV: 3

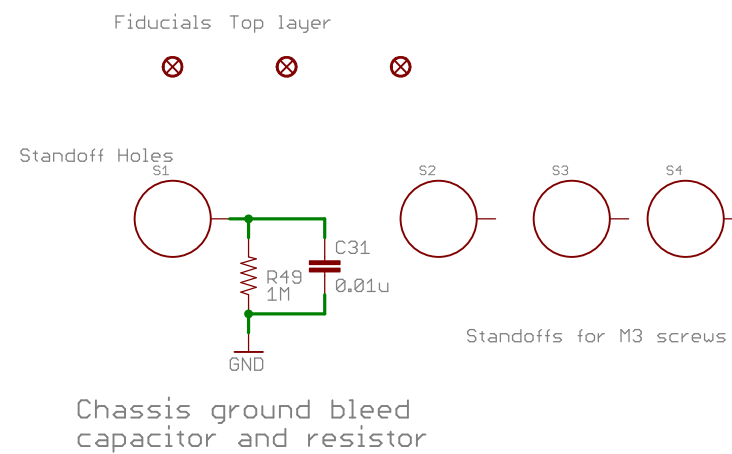
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Sheet: 4/6



Notes:
-All resistor tolerances 1% unless specified
-All capacitors ceramic unless specified

Connectors		
TITLE: Main		
Design by: Thomas D'Agostino		REV: B
Date: 1/29/2017 3:24:01 PM	Sheet: 5/6	



Notes:

- All resistor tolerances 1% unless specified
- All capacitors ceramic unless specified

Mechanical

TITLE: Main

Design by:
Thomas D'Agostino

REV:
B

Date: 1/29/2017 3:24:01 PM

Sheet: 6/6