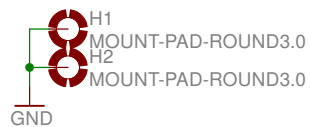
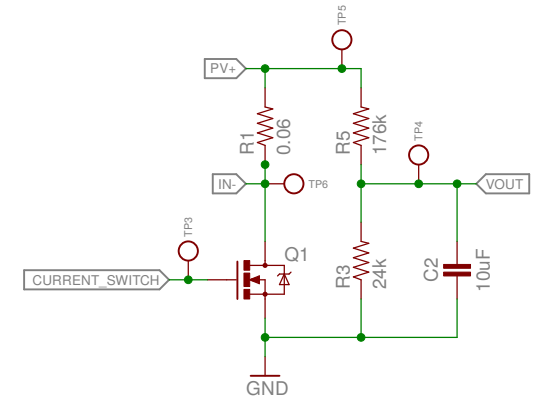
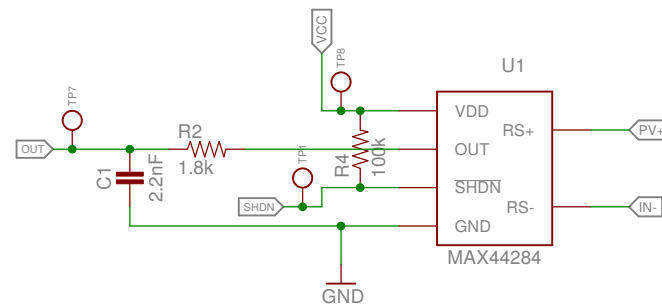
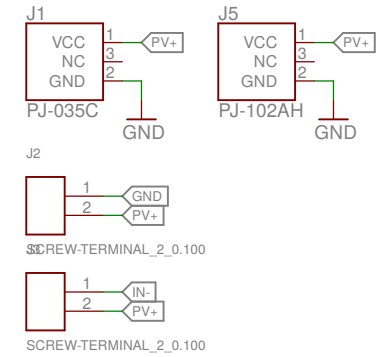
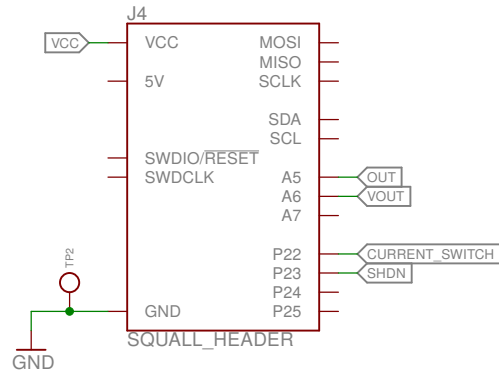


Squall Header Connector



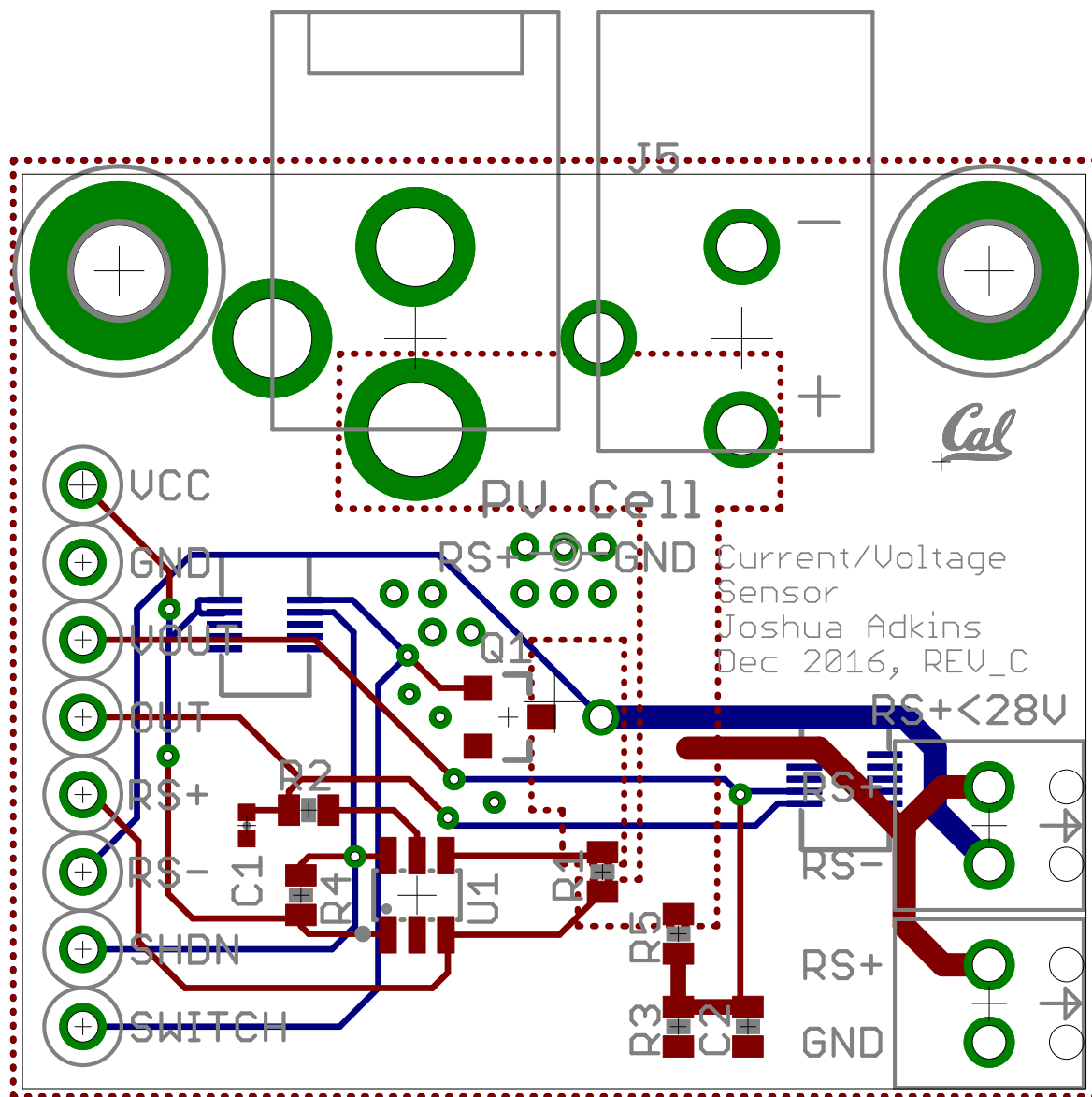
M SIMPLE_RECORD

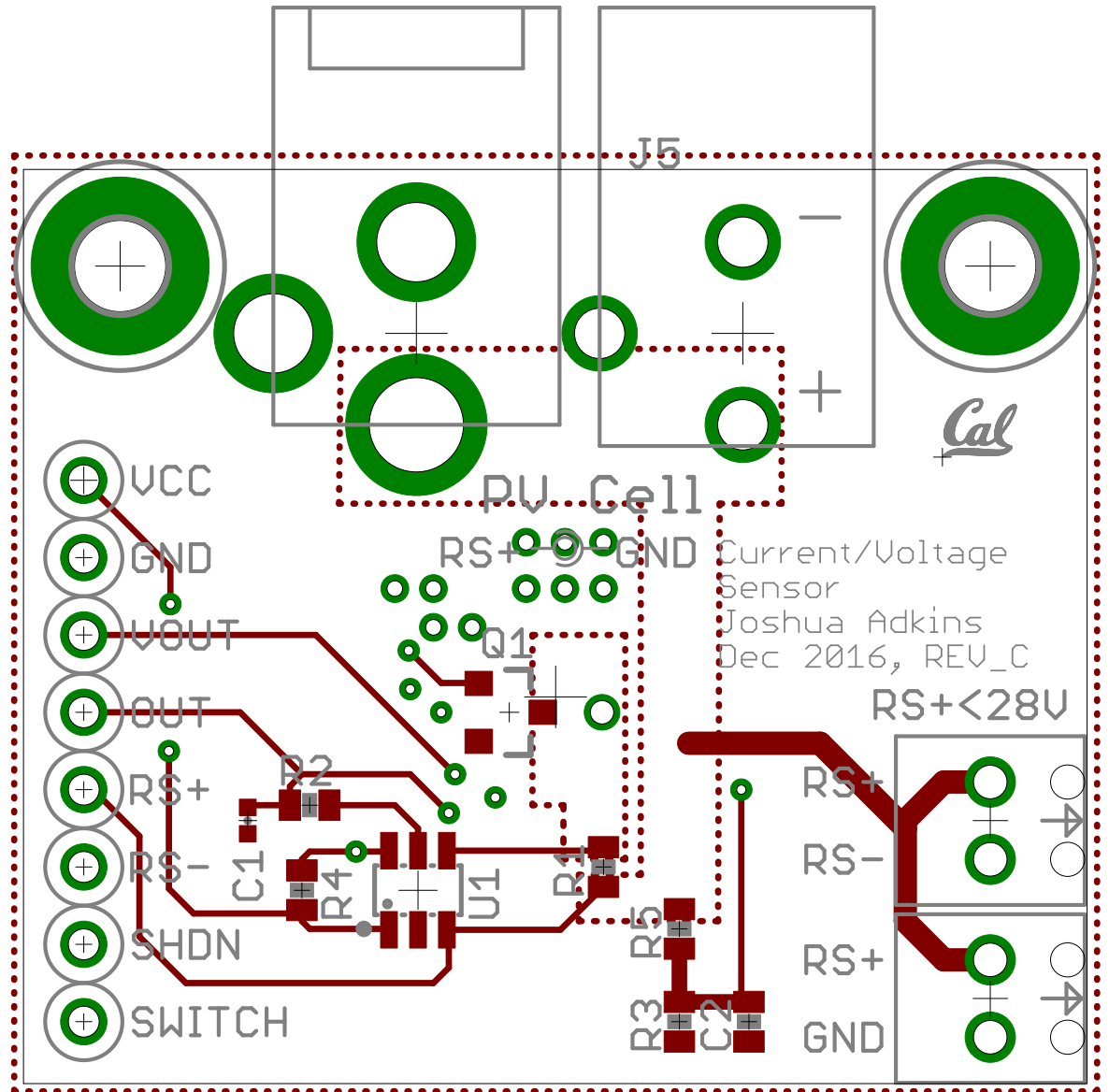
REV:
C

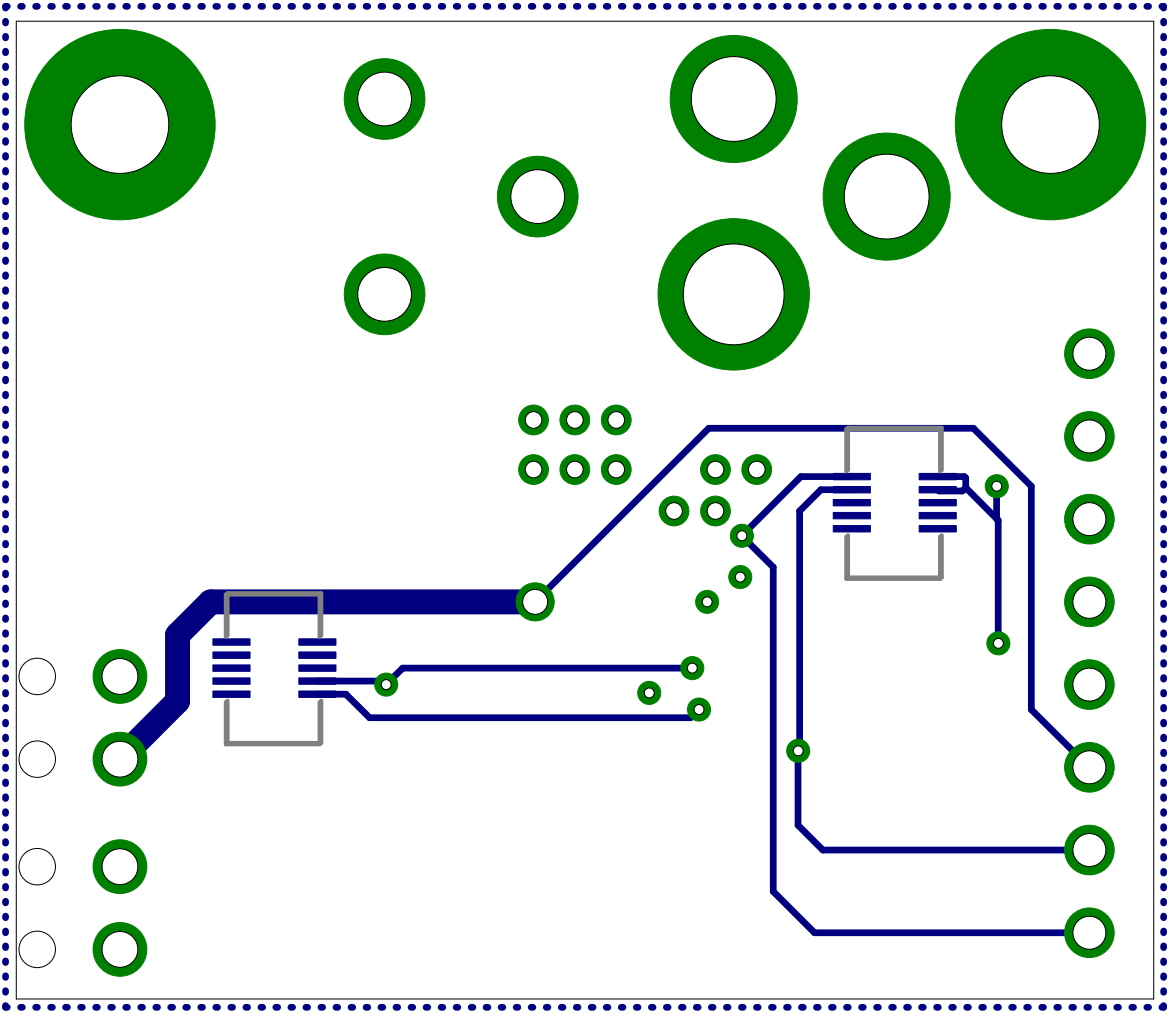
Author: Joshua Adkins

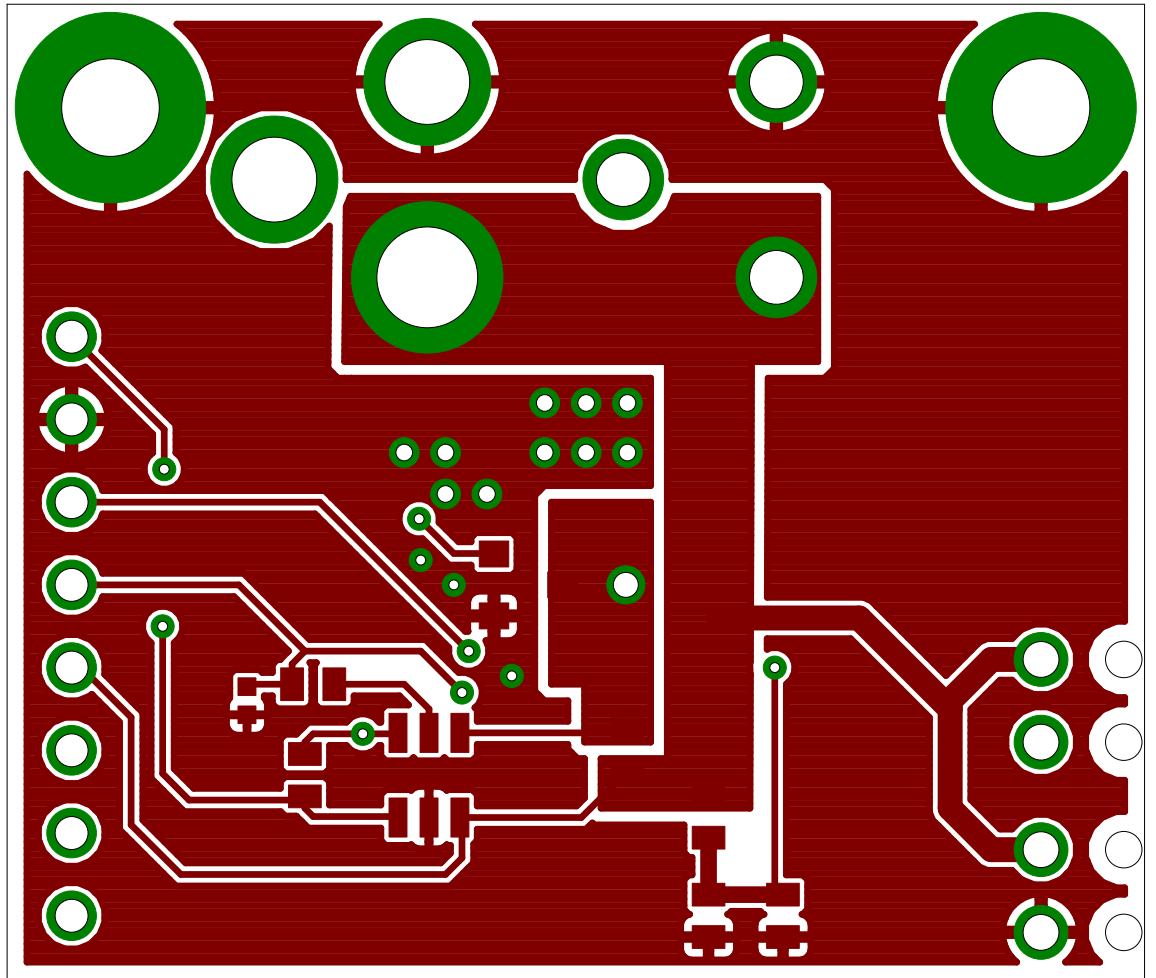
Date: 12/5/16 2:52 PM

Sheet: 1/1

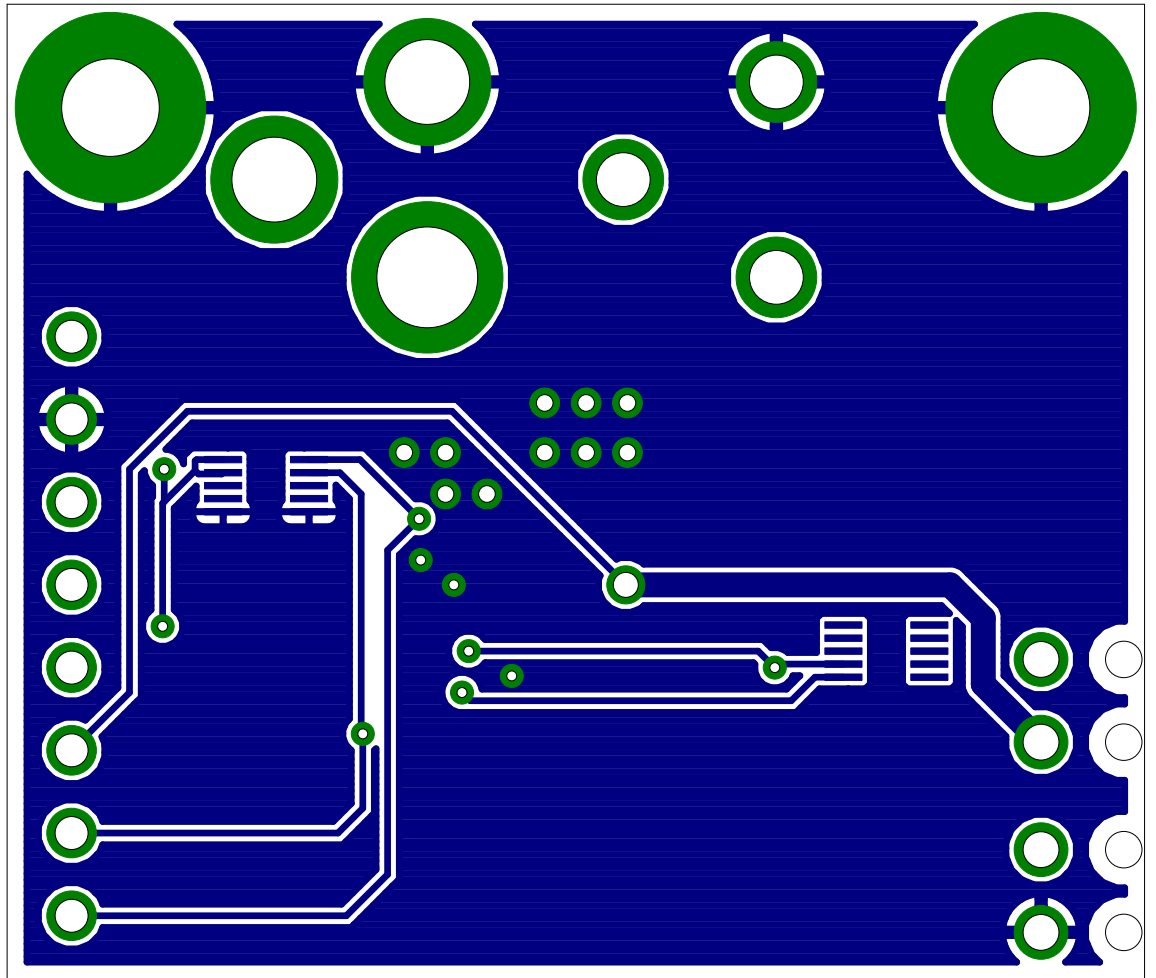


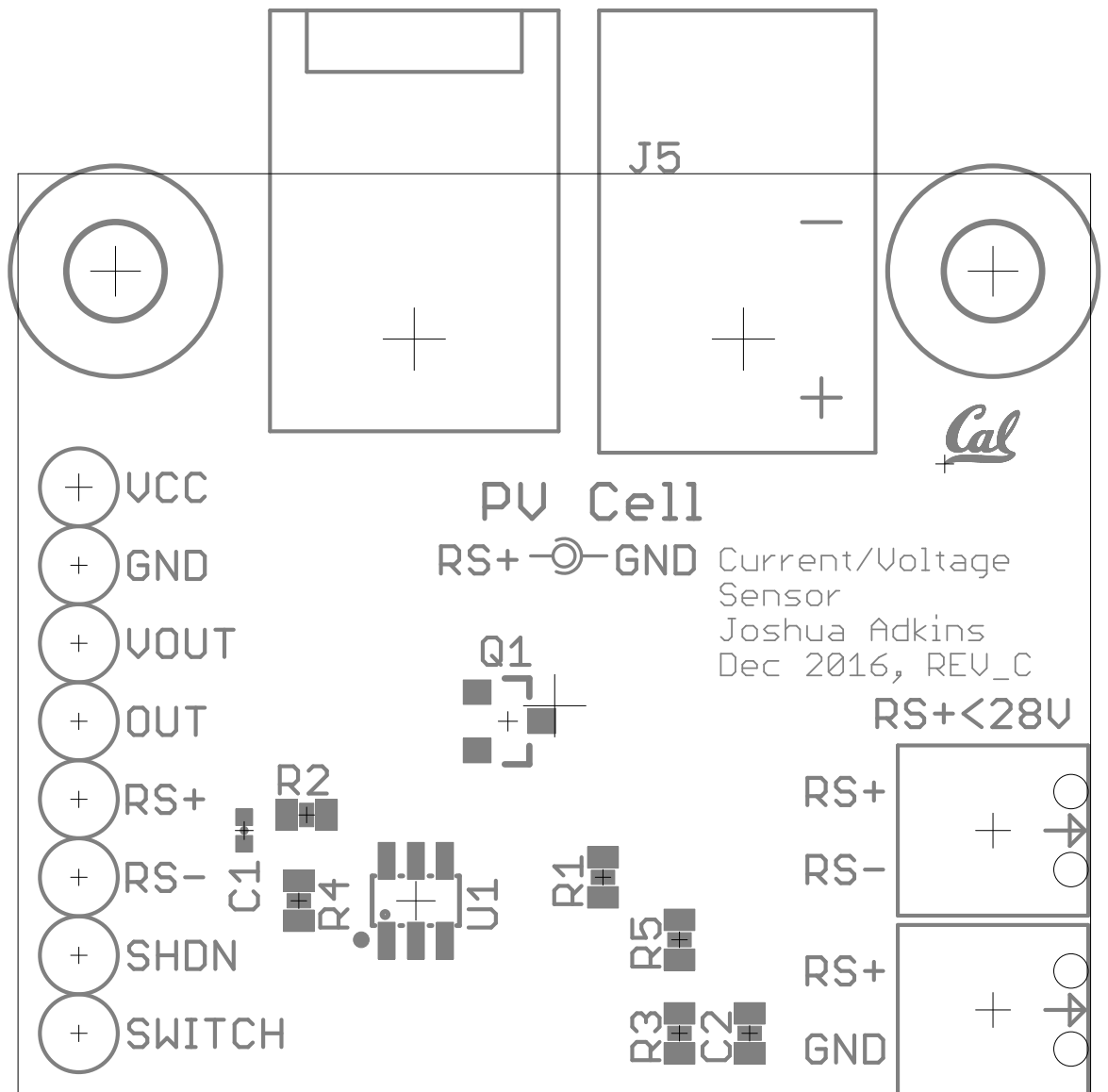




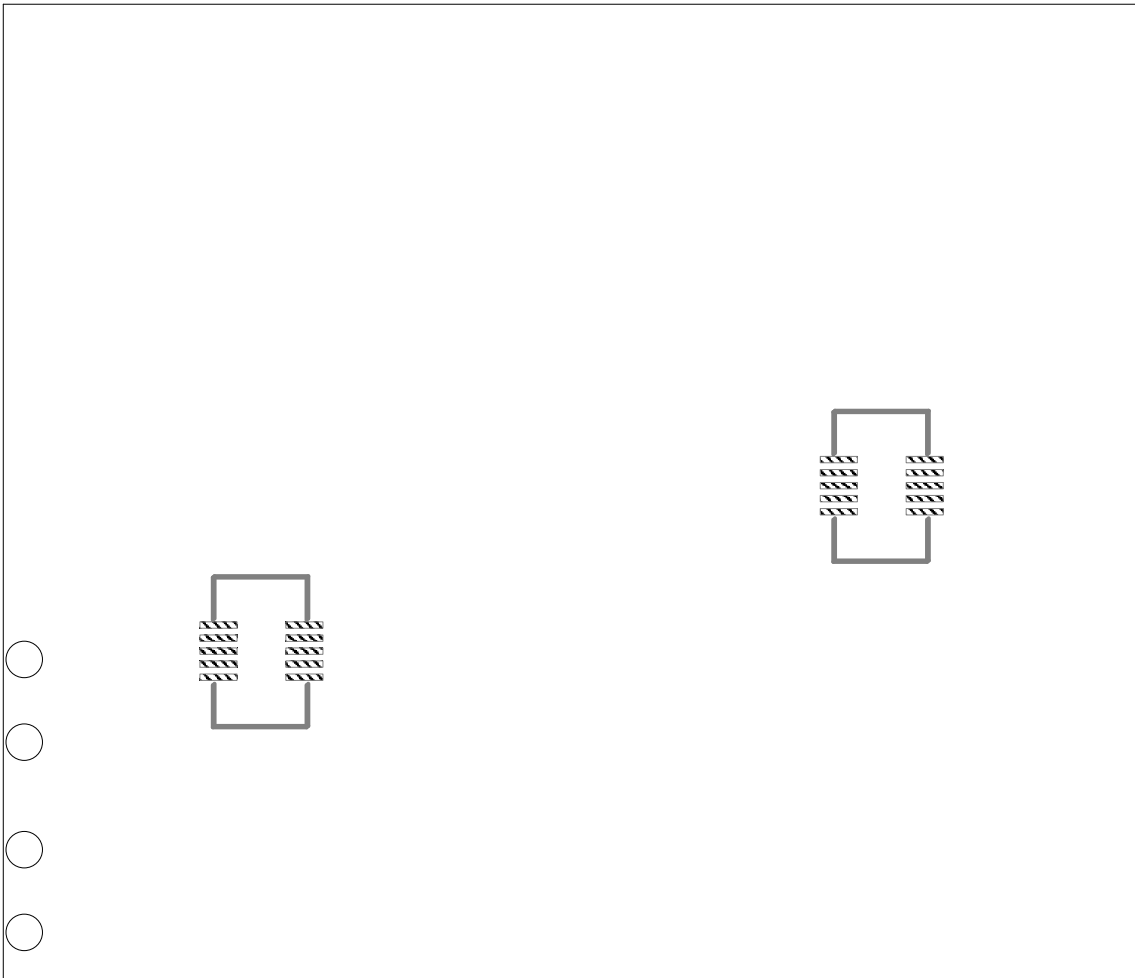


Bottom Copper Layer

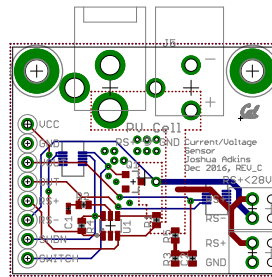


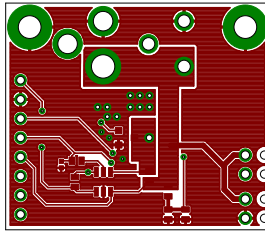


Bottom Paste Layer with Silkscreen

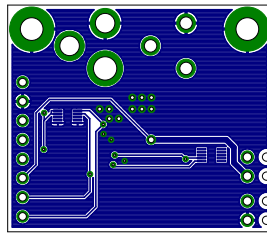


Top and Bottom Layers 1:1 Scale





Bottom Copper Layer 1:1 Scale



simple_record

Qty	Value	Device	Package
1	2.2nF	CAPACITOR	0402_CAP
1	10uF	CAPACITOR0603_CAP	0603_CAP
1	PJ-035C	PJ-035C	PJ-035C
2	SCREW-TERMINAL_2_0.100	SCREW-TERMINAL_2_0.100	CONN_BLOCK_2
2	SQUALL_HEADER	SQUALL_HEADER	SQUALL_HEADER
1	PJ-102AH	PJ-102AH	PJ-102AH
1	MOSFET-NCHANNELSMD	MOSFET-NCHANNELSMD	SOT23-3
1	0.06	RESISTOR	0603-RES
1	1.8k	RESISTOR	0603-RES
1	24k	RESISTOR	0603-RES
1	100k	RESISTOR	0603-RES
1	176k	RESISTOR	0603-RES
7	TEST_POINT_0.040IN	TEST_POINT_0.040IN	TESTPOINT_0.040IN
1	MAX44284F	MAX44284F	SOT23-6

simple_record

Parts	Description
C1	0402 Capacitor
C2	0603 Capacitor
J1	A 1/3.4mm barrel jack part
J2, J3	2x 0.100 in screw terminal block
J4A, J4B	Header for a sensor board on top of the Squall BLE tag board
J5	DC Power Jack
Q1	Generic NMOS footprint
R1	Resistor
R2	Resistor
R3	Resistor
R4	Resistor
R5	Resistor
TP1, TP2, TP3, TP4, TP5, TP6, TP7	0.040in Test Point
U1	

DIGIKEY	MOUSER	NEWARK
587-1059-1-ND		
490-3298-1-ND		
CP-035C-ND		
277-1273-ND	651-1725656	71C4107
H11617CT-ND		
CP-102AH-ND		
DMN3023L-7DICT-ND		
WSLPA-.06CT-ND		
311-1.8KGRCT-ND		
RHM24KCFCT-ND		
311-100KGRCT-ND		
311-2094-1-ND		
5001K-ND		
MAX44284FAUT+TCT-ND		