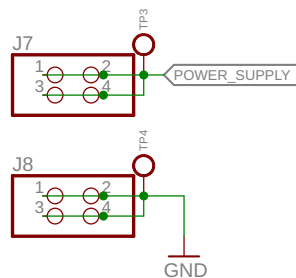
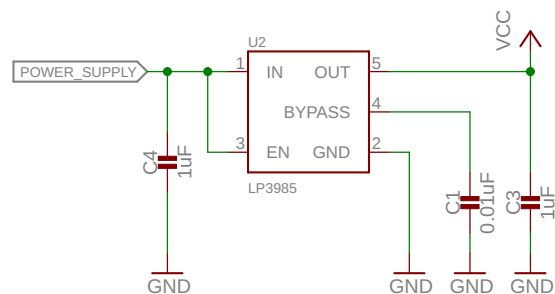


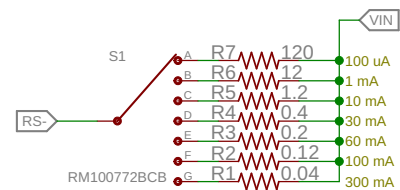
Power Supply Input



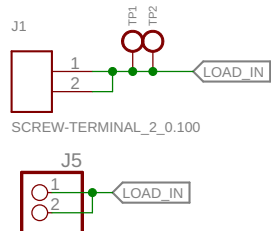
LDO



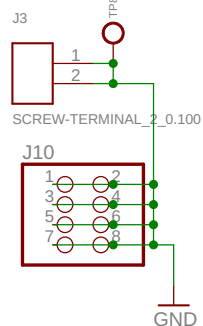
Range Select



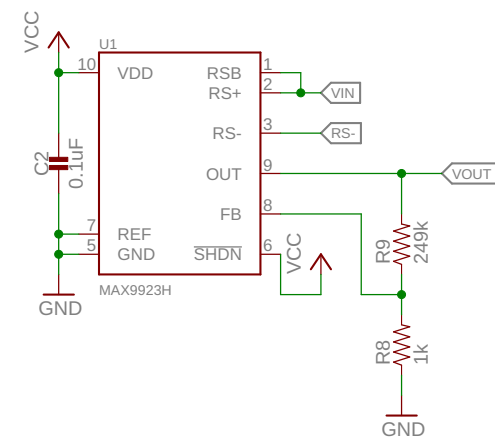
Test Input



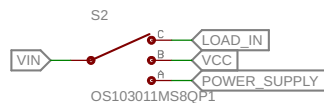
GND



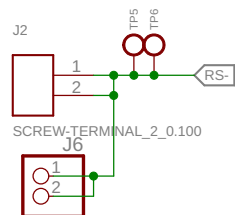
Sense Circuitry



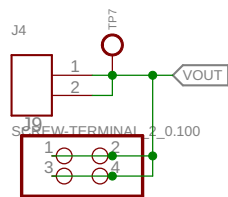
Load VCC Select



Connect to Load



Measurement Output



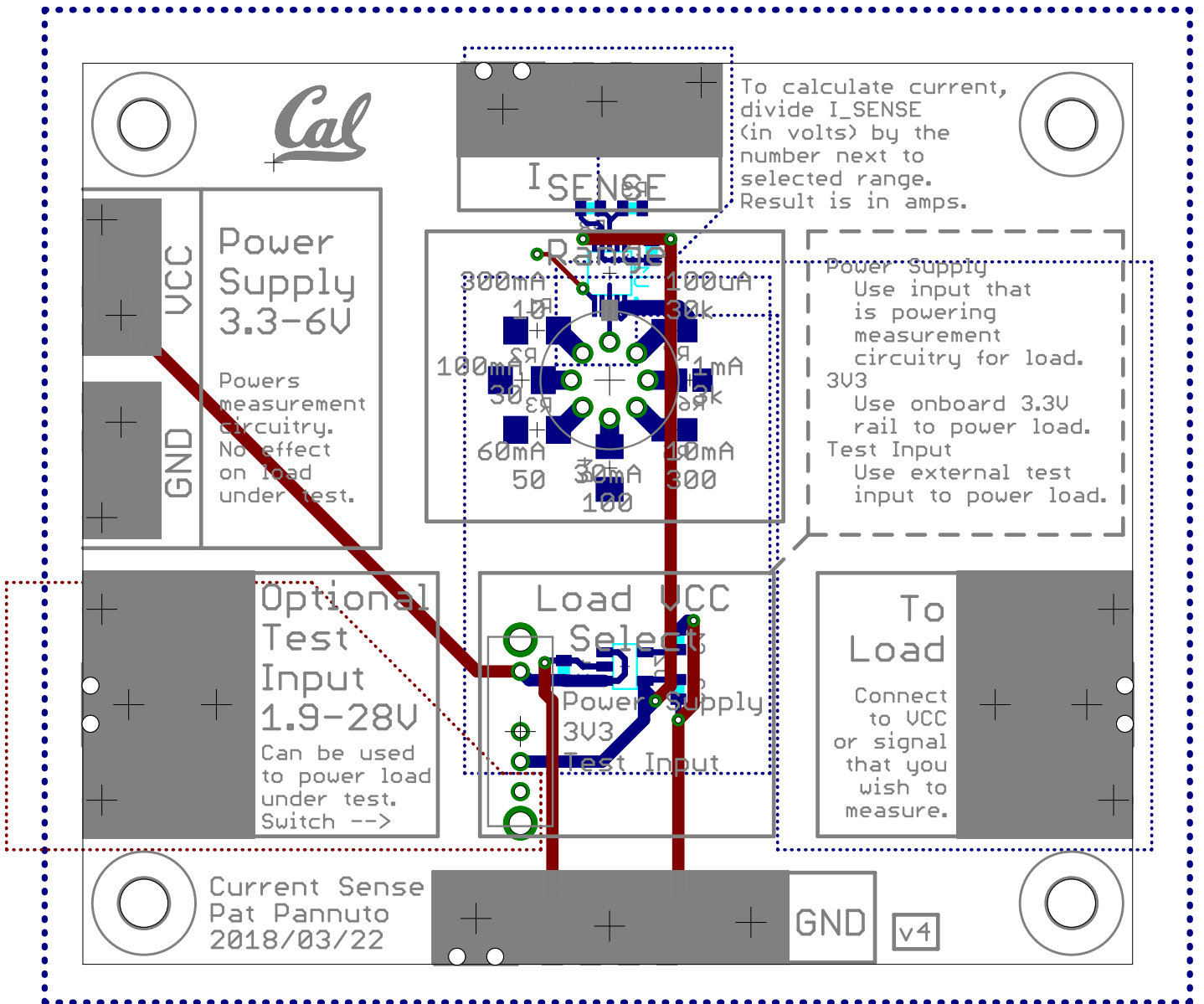
M Current Sense

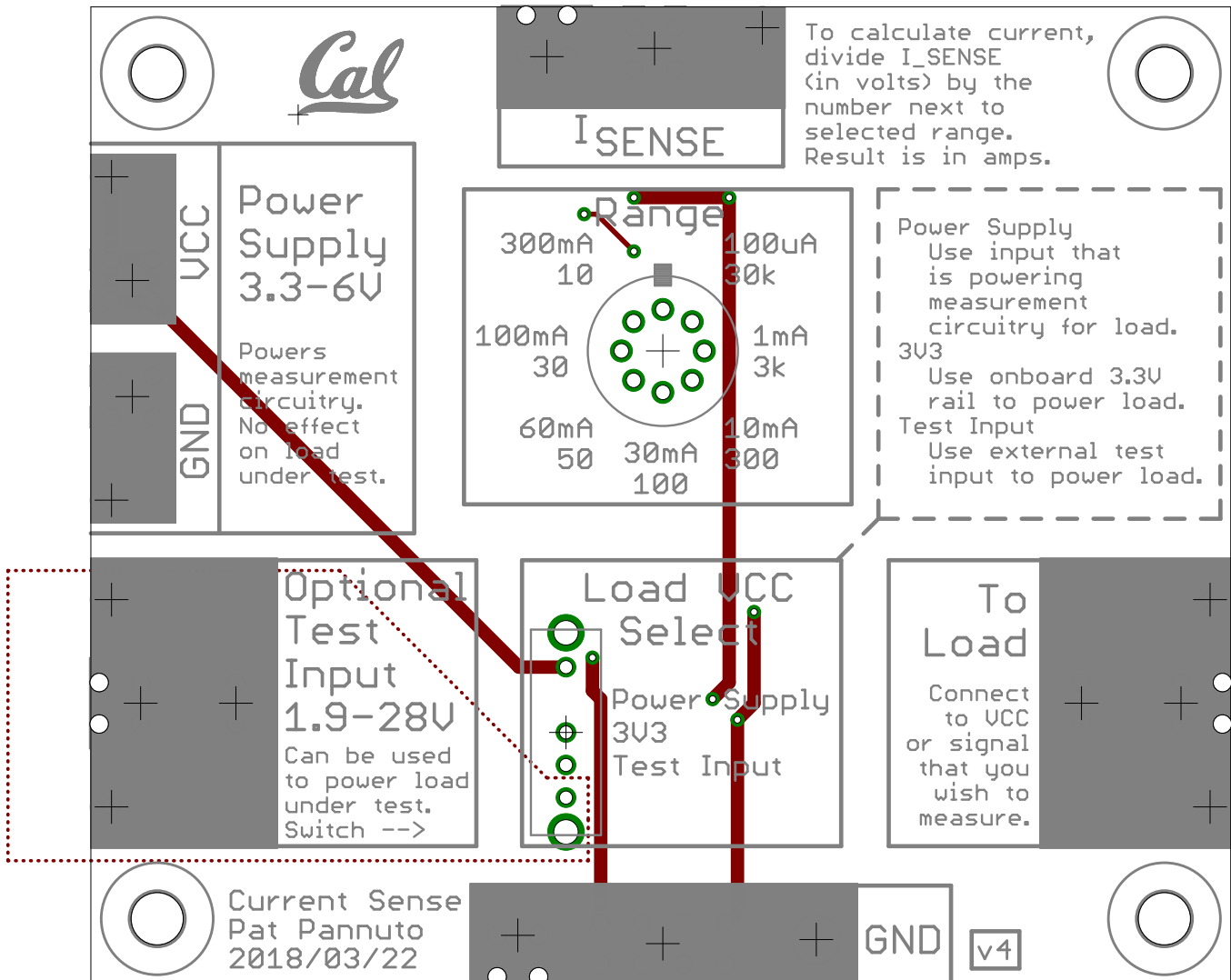
REV:
v4

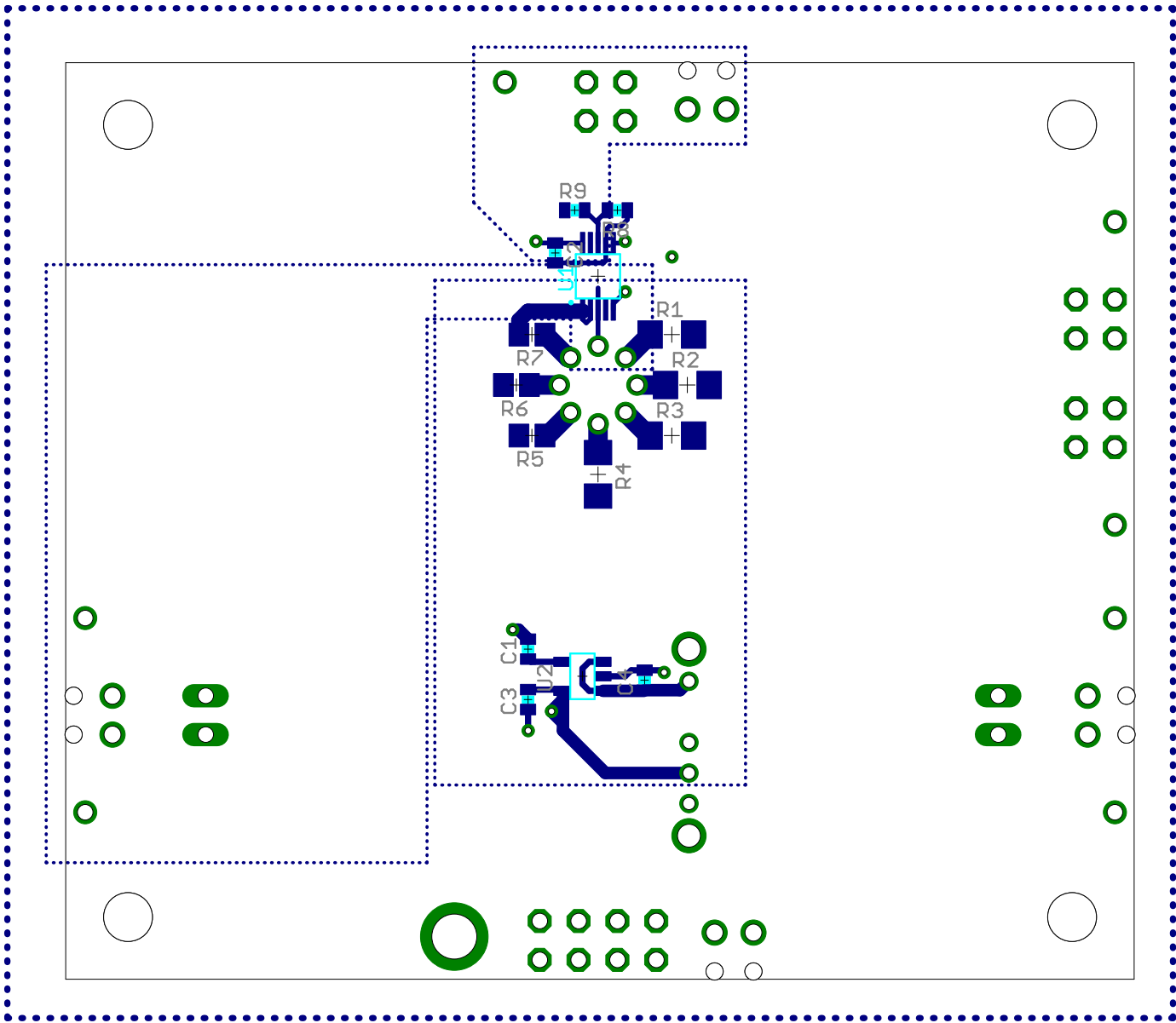
Author: Pat Pannuto

Date: 3/22/18 19:55

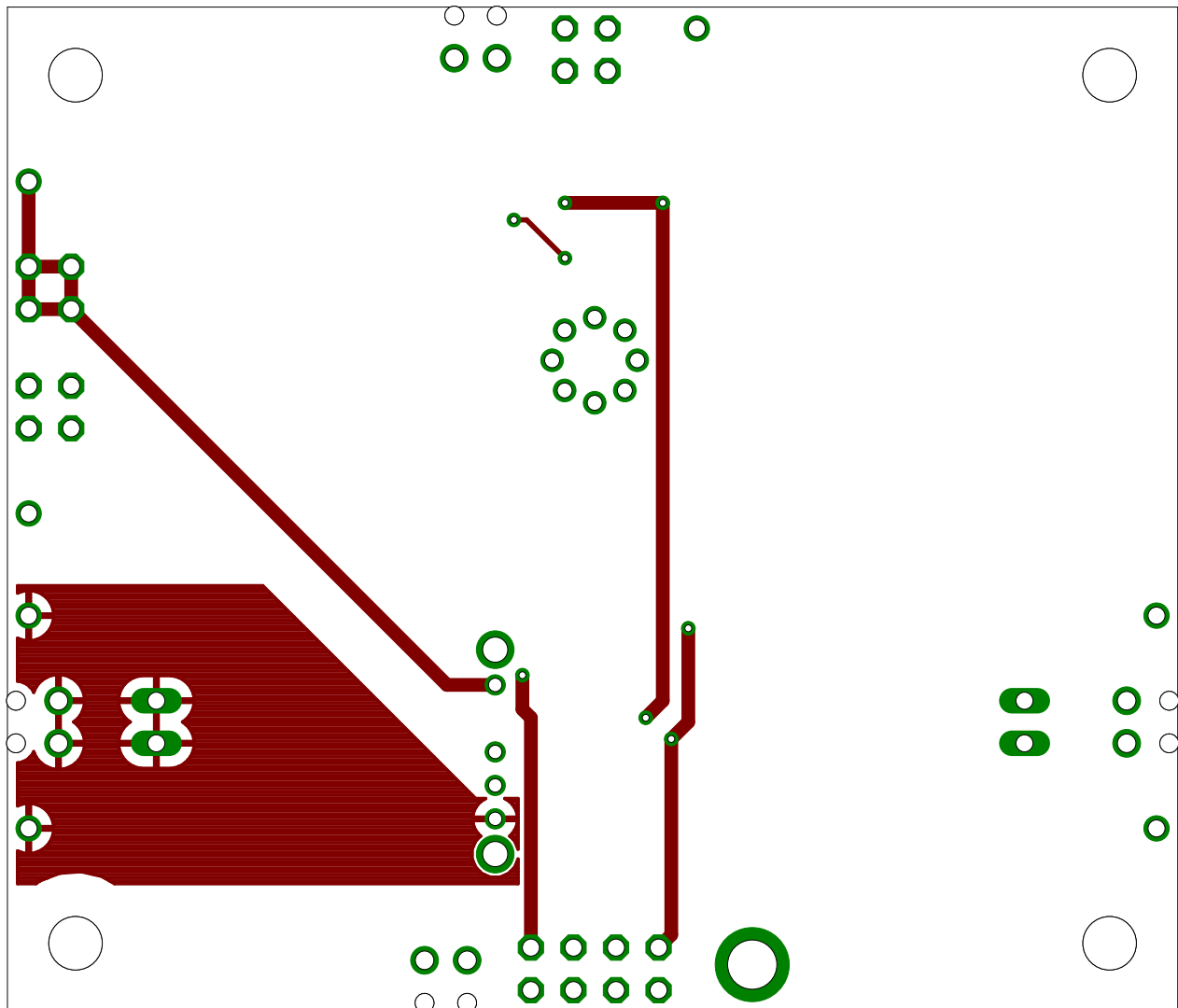
Sheet: 1/1



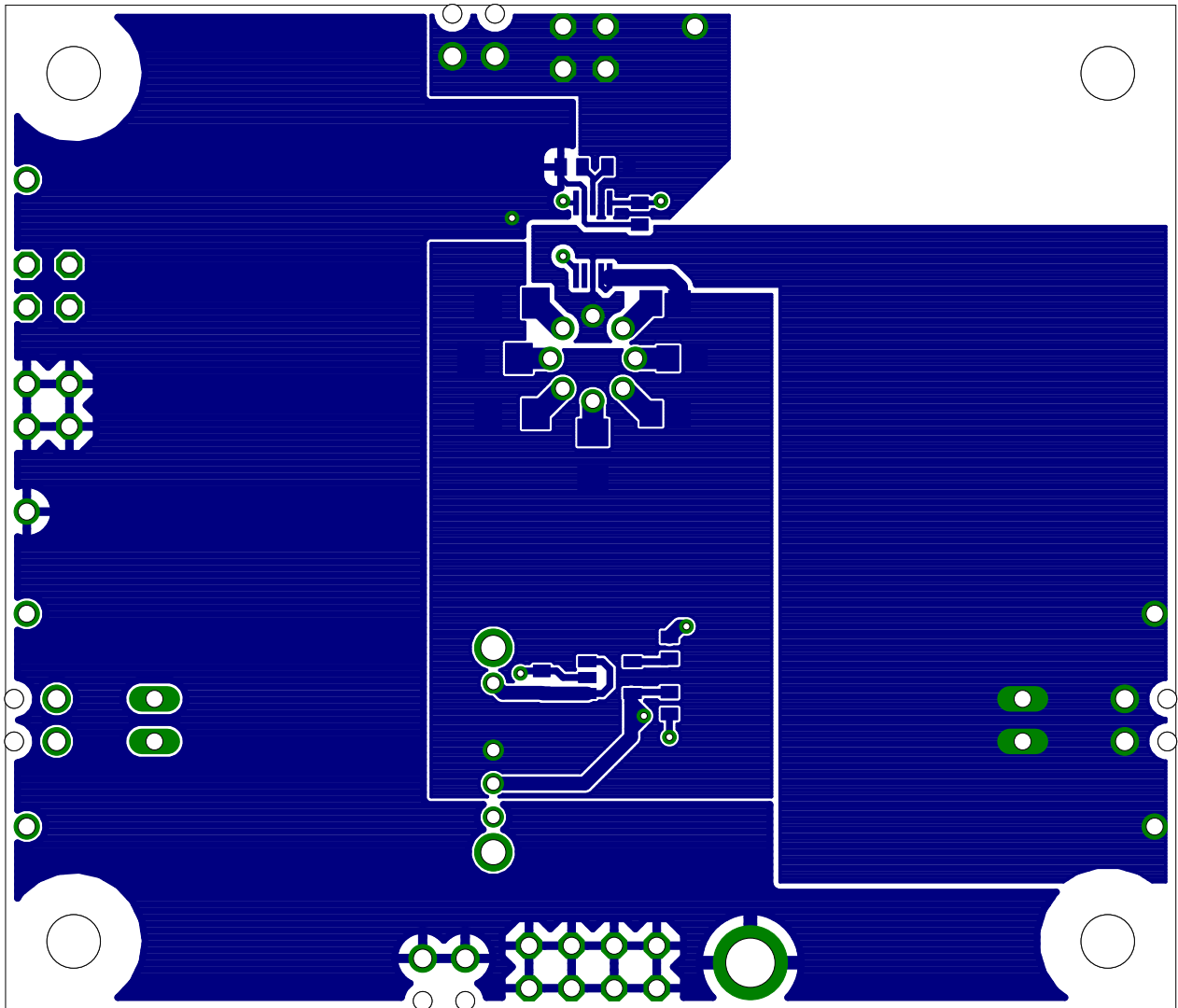


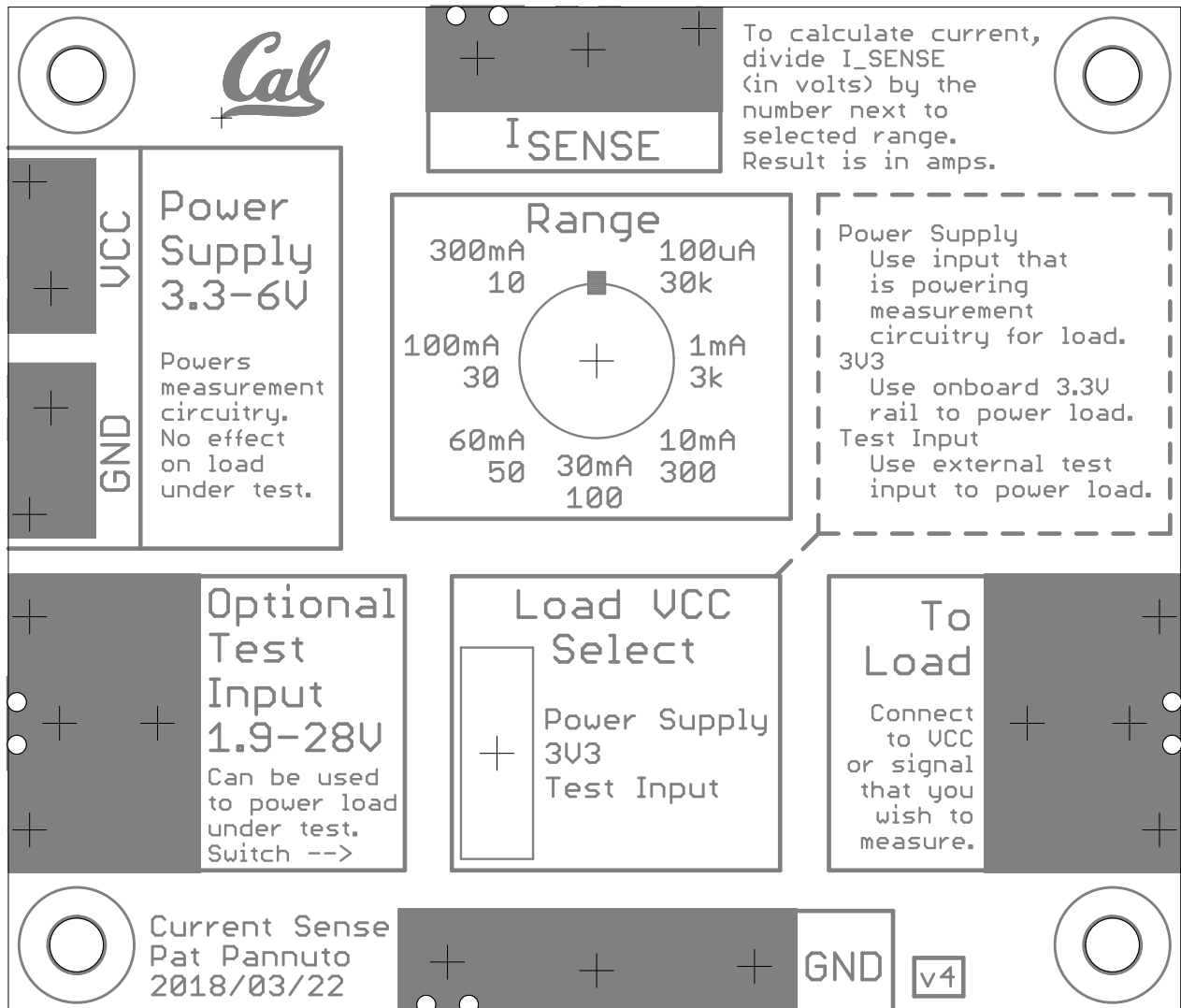


Top Copper Layer

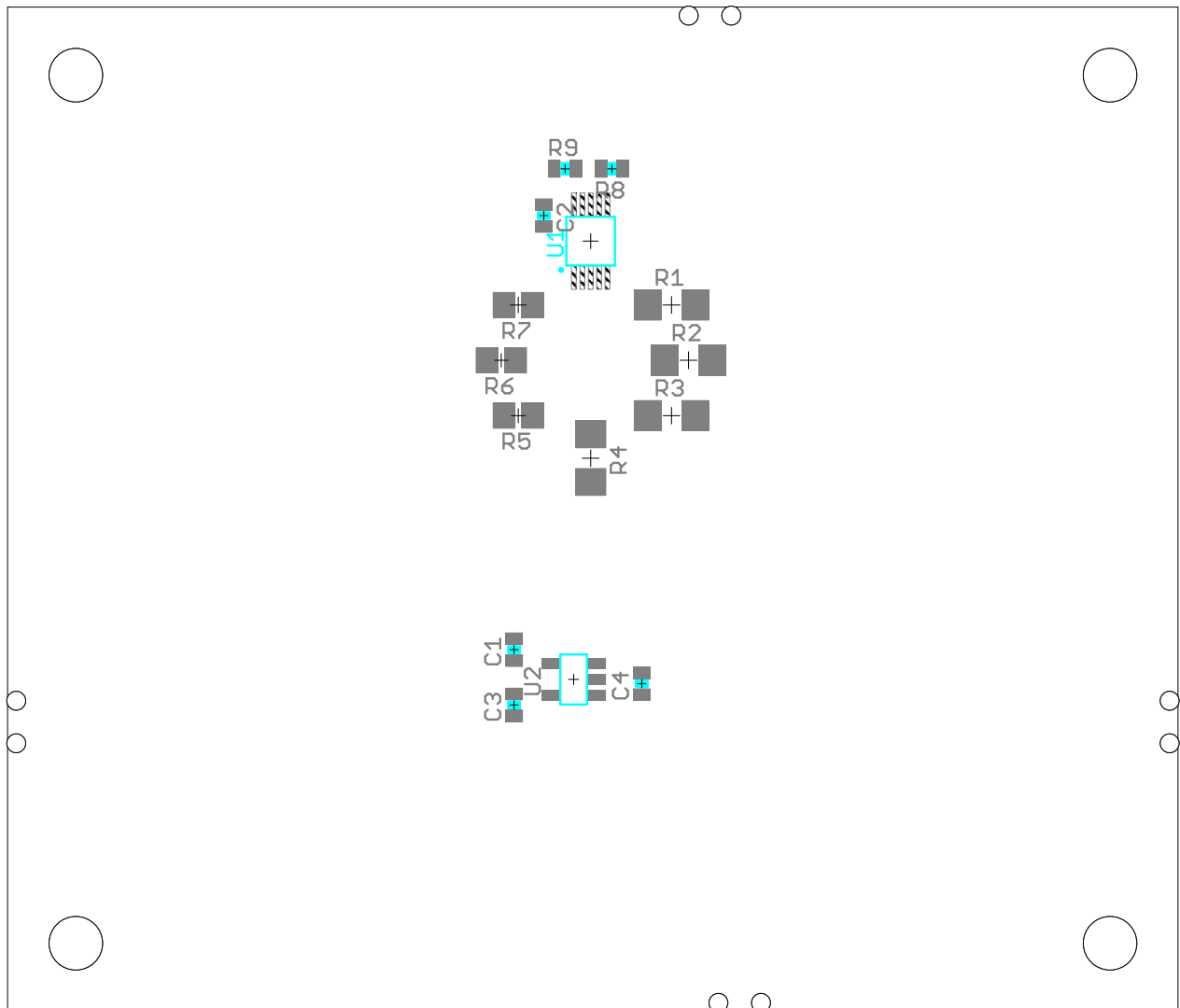


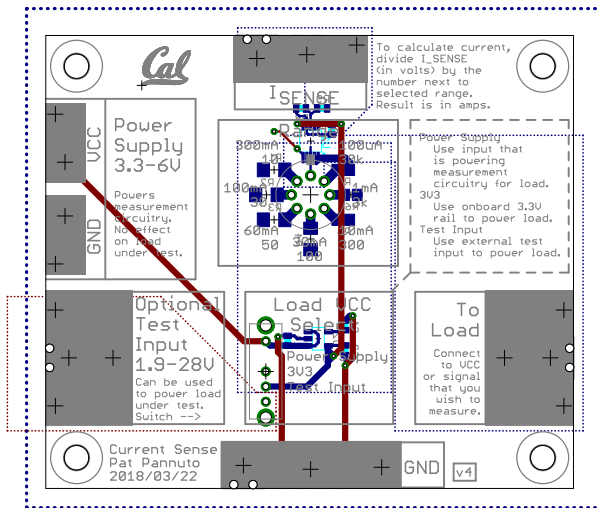
Bottom Copper Layer

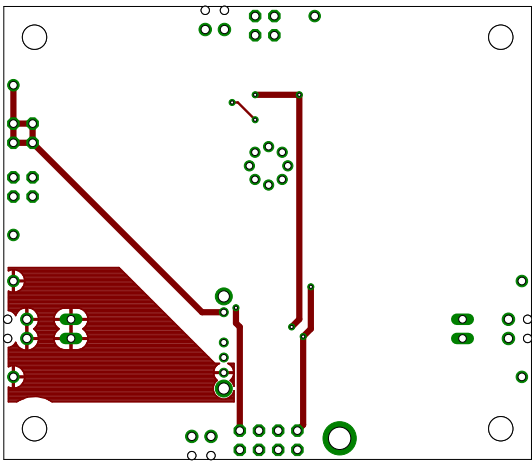




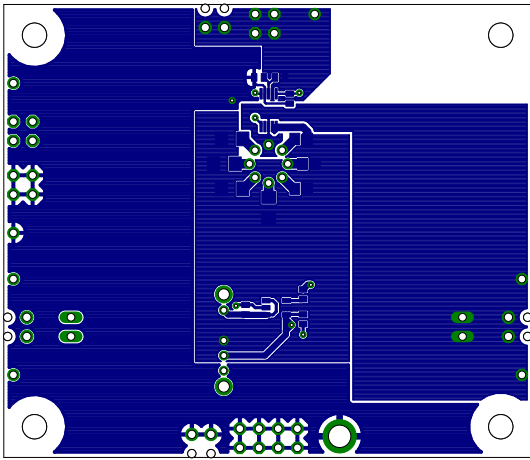
Bottom Paste Layer with Silkscreen







Bottom Copper Layer 1:1 Scale



Qty	Value	Device	Package	Parts	Description	DIGIKEY	MOUSER	NEWARK
1	0.01uF	CAPACITOR0603_CAP	0603_CAP	C1	0402 Capacitor	445-1304-1-ND		
1	0.1uF	CAPACITOR0603_CAP	0603_CAP	C2	0402 Capacitor	445-1316-1-ND		
2	1uF	CAPACITOR0603_CAP	0603_CAP	C3, C4	0402 Capacitor	445-1604-1-ND		
4	SCREW-TERMINAL_2_0.100	SCREW-TERMINAL_2_0.100	CONN_BLOCK_2	J1, J2, J3, J4	2x 0.100 in screw terminal block	277-1273-ND	651-1725656	71C4107
2		PINH-1X2	1X02	J5, J6	PIN HEADER			
3		PINH-2X2	2X02	J7, J8, J9	PIN HEADER			
1		PINH-2X4	2X04	J10	PIN HEADER			
1	0.04	R-US_R1206	R1206	R1	RESISTOR, American symbol	311-.04LWCT-ND		
1	0.12	R-US_R1206	R1206	R2	RESISTOR, American symbol	RL16R12FCT-ND		
1	0.2	R-US_R1206	R1206	R3	RESISTOR, American symbol	CSR1206FKR200CT-ND		
1	0.4	R-US_R1206	R1206	R4	RESISTOR, American symbol	311-.4LWCT-ND		
1	1.2	R-US_R0805	R0805	R5	RESISTOR, American symbol	RL12S1.2FCT-ND		
1	12	R-US_R0805	R0805	R6	RESISTOR, American symbol	A103150CT-ND		
1	120	R-US_R0805	R0805	R7	RESISTOR, American symbol	RG20N120WCT-ND		
1	1k	RESISTOR0603_RES	0603-RES	R8	Resistor	P1.0KDBCT-ND		
1	249k	RESISTOR0603_RES	0603-RES	R9	Resistor	P249KDBCT-ND		
1	RM107772BCB	RM107772BCB	RM-SWITCH	S1	Rotary Switch 8 Position SP7T 500mA (DC) 24VDC Through Hole	CKN10705-ND		
1	OS103011MS8QP1	OS103011MS8QP1	OS102011MS8QP1	S2	Slide Switch SP3T Through Hole	CKN9543-ND		
7	TEST_POINT_0.040IN	TEST_POINT_0.040IN	TESTPOINT_0.040IN	TP1, TP2, TP3, TP4, TP5, TP6, TP7	0.040in Test Point	5001K-ND		
1	TEST_POINT_0.112IN	TEST_POINT_0.112IN	TESTPOINT_0.112IN	TP8	Solder terminal, turreted			40F6015
1	MAX9922	MAX9922	UMAX10	U1	The MAX9922/MAX9923 ultra-precision, high-side current-	MAX9922EUB+TCT-ND		
1	LP3985	LP3985	R-PDSO-G5	U2	Linear Voltage Regulator IC Positive Fixed 1 Output 3.3V 150mA SOT-23-5	LP3985IMS-3.3/NOPBCT-ND		