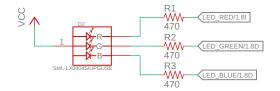
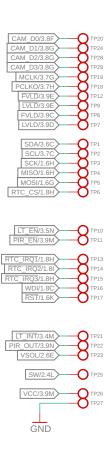


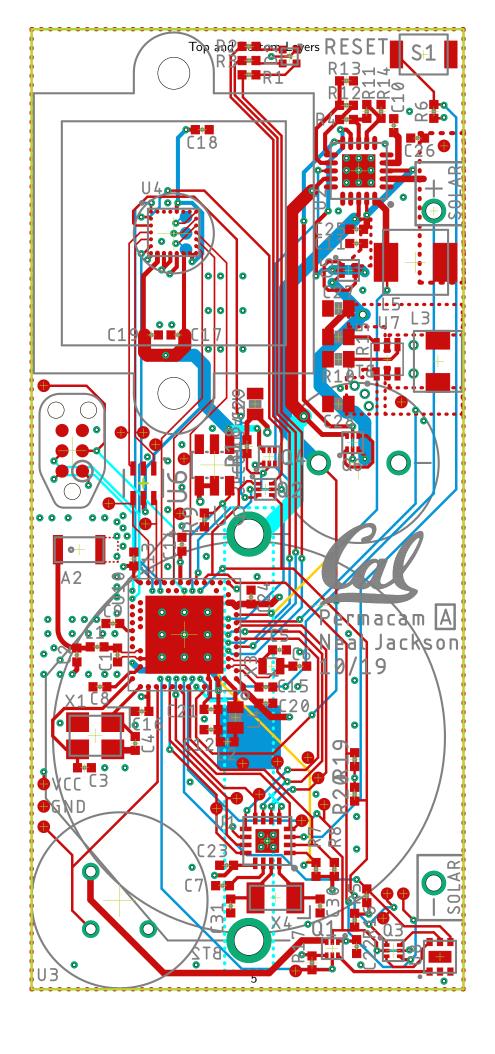
Debugging

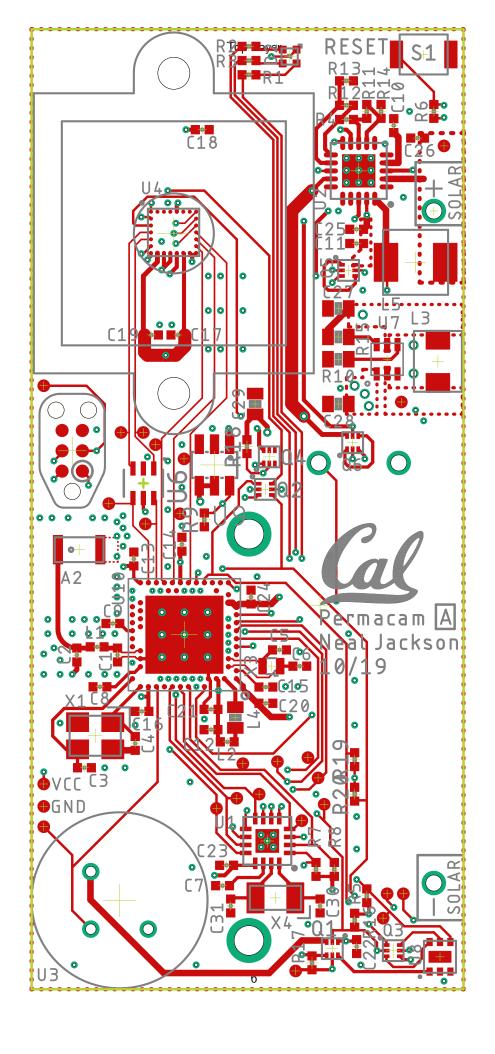


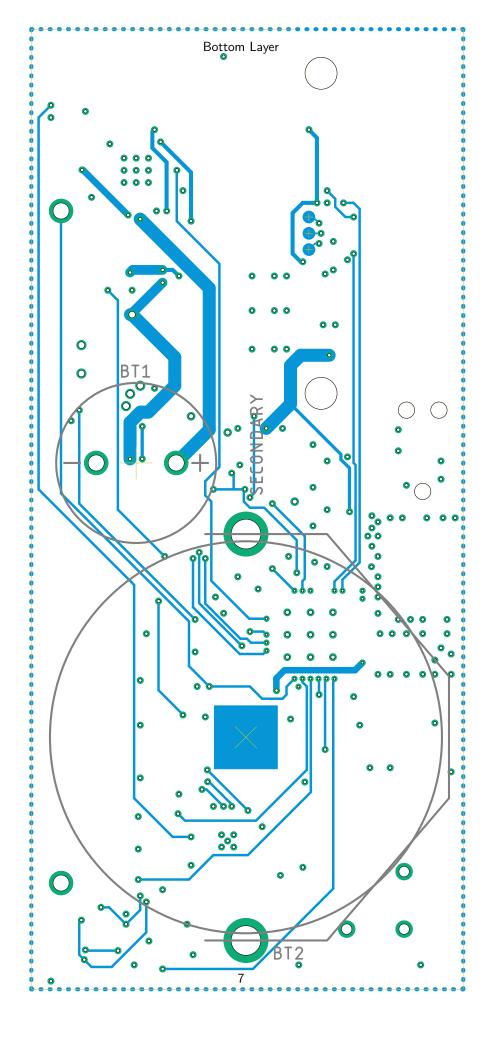


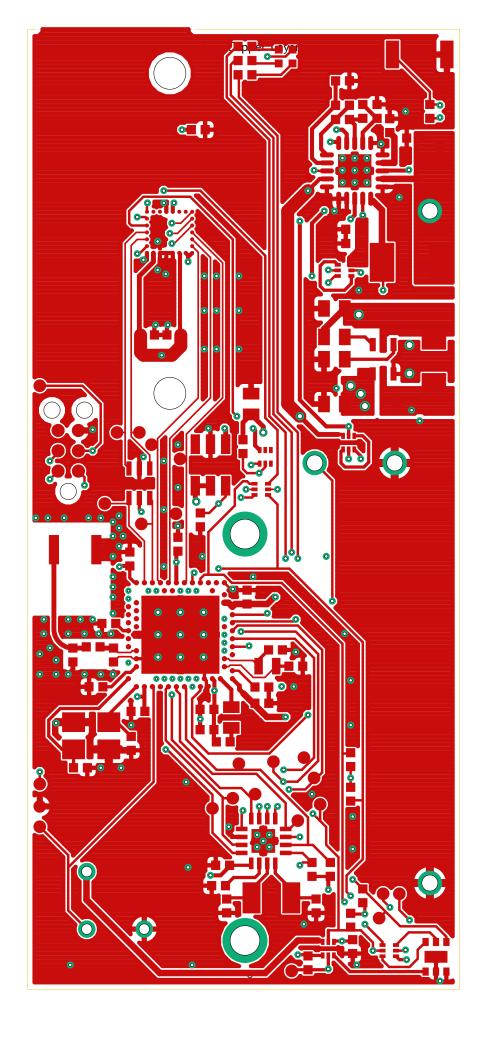
PERMAMOTE					
Author:	NEAL JACKSON				
Date: 1	.1/2/19 11:37 AM	Sheet: 4	./4		

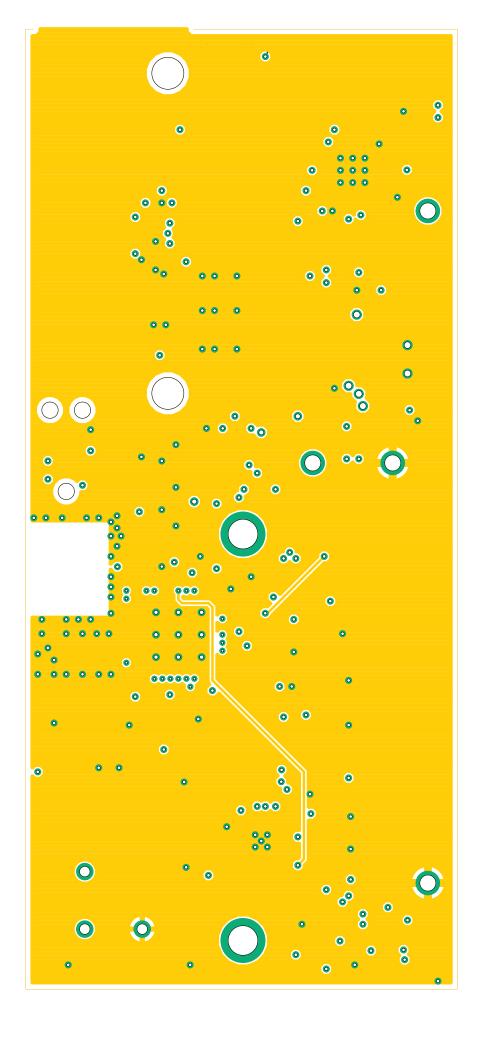
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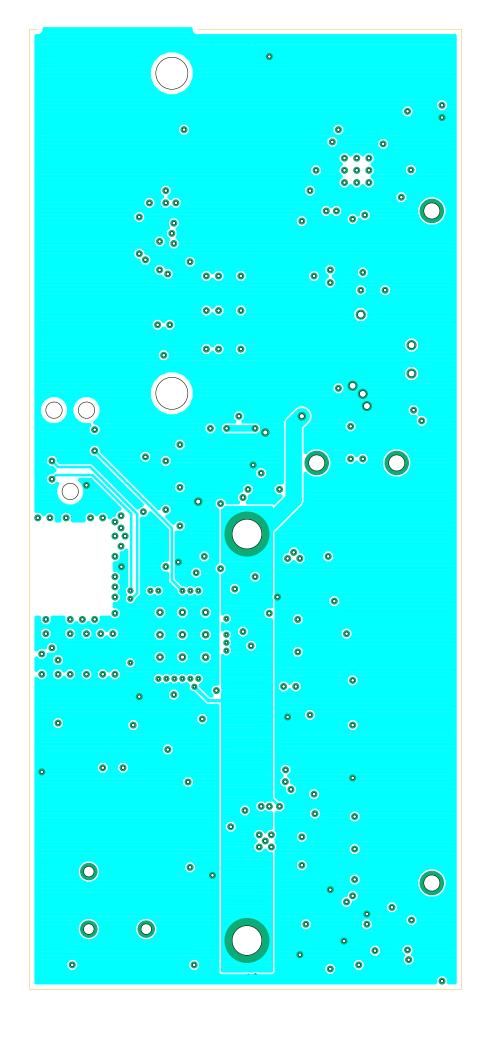


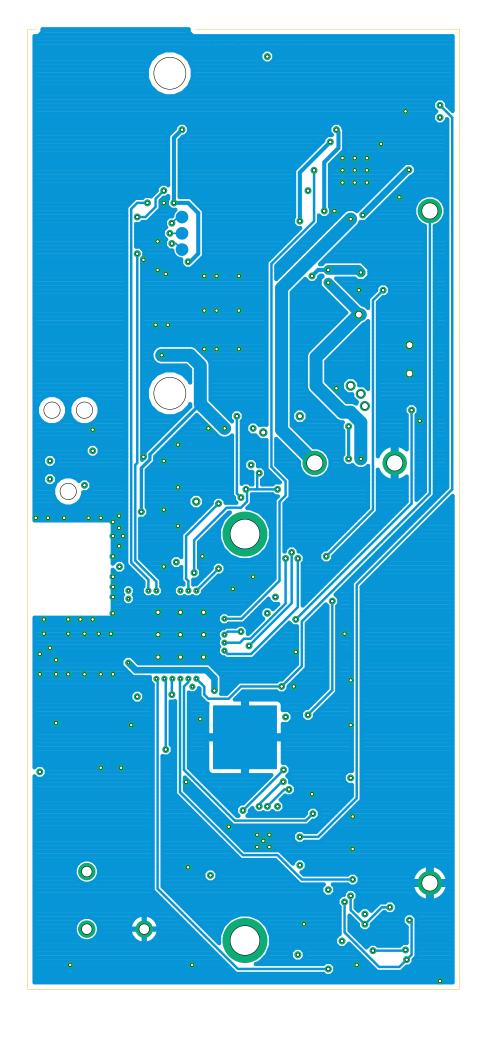


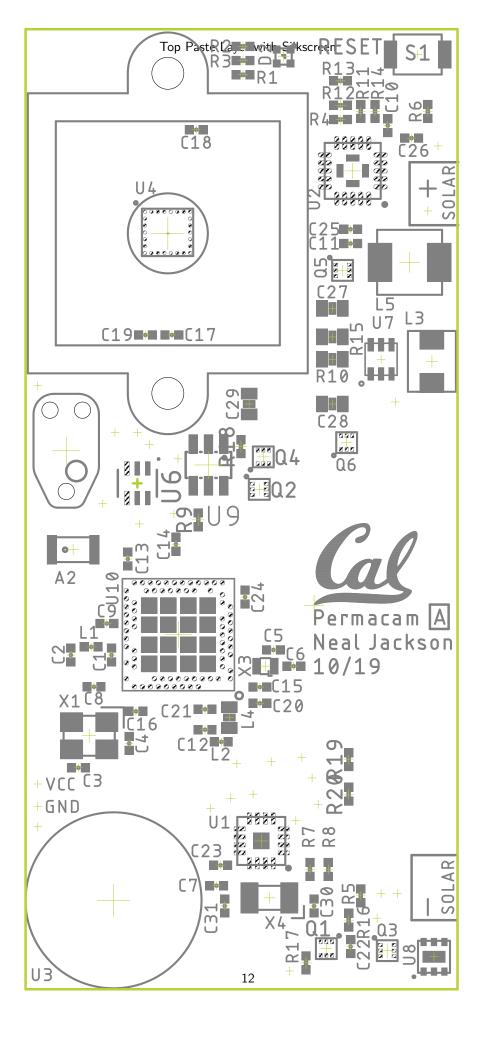


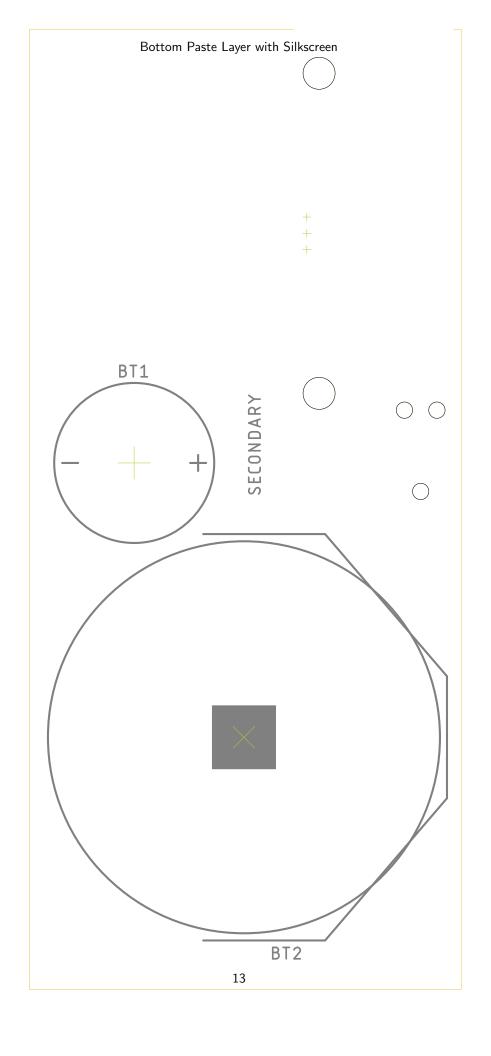


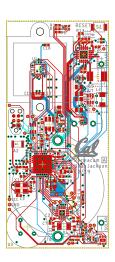


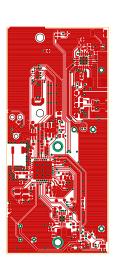


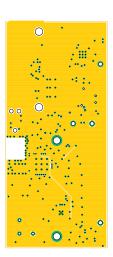


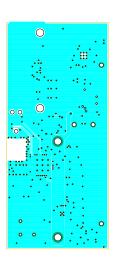


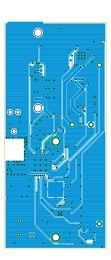












Qty		Value	Device	Package	Parts	Description	DIGIKEY	MPN	Notes
	7	0.1uF	CAPACITO	80402 CAP	C13, C14, C	SMD Capaci	1490-6328-1-	NGRM155R71C104KA88J	
	3	100M	RESISTOR0	40402 RES	R16, R17, R	Resistor	541-100MA	FHMC0402JT100M	
	1	100k	RESISTOR0	40402 RES	R9	Resistor	311-100KJF	R(RC0402JR-07100KL	
	1	100pF	CAPACITO	R0402 CAP	C8	SMD Capaci	1490-5922-1-	NGRM1555C1H101JA01D	
	4	10k	RESISTOR0	40402 RES	R5, R6, R7, 1	Resistor	311-10KJR0	RC0402JR-0710KL	
	2	10nF	CAPACITO	R0402 CAP	C10, C11	SMD Capaci	t490-4516-1-	-NGRM155R71H103KA88D	
	3	10uF	CAPACITO	R0603 CAP	C27, C28, C2	2SMD Capaci	1490-3896-1	NGRM188R60J106ME47D	
	1	10uH	INDUCTOR	(0603 CAP	L4	A very speci	f490-4025-1-	NLQM18FN100M00D	
	4	12pF	CAPACITO	80402 CAP	C3, C4, C5, 0	SMD Capaci	t490-6197-1-	NGRM1555C1H120GA01D	
	1	15nH	INDUCTOR	(0402 CAP	L2	A very speci	587-1521-1-	NHK100515NJ-T	
	2	1pF	CAPACITO	R0402 CAP	C1, C2	SMD Capaci	11276-1595-	1-CL05C010CB5NNNC	
	4	1uF	CAPACITO	R0402 CAP	C20, C21, C2			-NGRM155R70G105KA12D	
	1	1uH	INDUCTOR	IHIL-1212BZ				NHLP1212BZER1R0M11	
	1	215k	RESISTOR0		R10	Resistor		TRC0402FR-07215KL	
	1	22uH	INDUCTOR	77464030703021640202000	L5	A very speci	732-3340-1-	-ND 74437324220)
				2477THMC0				0(BAT-HLD-001-THM	
		3.9M	RESISTOR0		R11	Resistor		TRC0402JR-073M9L	
		3.9nH	INDUCTOR	_	L1			NLQP15MN3N9B02D	
		32.768kHz	ABS05-32.70		X3			1-ABS05-32.768KHZ-9-T	
		32MHz	7V-32.000M		X1			-N7M-32.000MAHV-T	
		33M	RESISTOR0		R15	Resistor		T.HMC0603JT33M0	
		4.7uF	CAPACITO					-NC1005X5R0J475K050BC	
	3		RESISTOR0		R1, R2, R3	Resistor		CIRC0402JR-07470RL	
		47nF	CAPACITO		C12			-NC1005X7R1C473K050BC	
		47pF	CAPACITO		C7			-NGRM1555C1H470JA01D	
		6.04k	RESISTOR0		R4	Resistor		TRC0402FR-076K04L	
		6.2M	RESISTOR0		R12	Resistor		TRC0402JR-076M2L	
		6.8M	RESISTOR0		R13	Resistor		TRC0402JR-076M8L	
		820pF	CAPACITO		C9			1-CL05B821KO5NNNC	
		9.1M	RESISTOR0		R14	Resistor		TRC0402JR-079M1L	
				QFN-16-3MI				1-AB1815-T3	
					X4			-NABS07-32.768KHZ-7-T	
		1 ABS07-32.76ABS07-32.762-SMD X4 1 ANT3216A0(ANT3216A0(ANT3216A0(A2					-NANT3216A063R2400A		
				B3U-1000P		Switch		-NB3U-1000P	
		BQ25505	BQ25505	S-PVQFN-N				1-BQ25505RGRR	
		DNP	CAPACITO		C30, C31	SMD Capaci		1-BQ25303KGKK	Do not nonvilo
		DNP	RESISTOR0		R19, R20	Resistor	toi		Do not populat Do not populat
		EKMB11011			U3		255 2065 N	DEKMB1101111	Do not popula
				MEOPAC-26				nage Sensor 320 x 320	Consisted as
						uma iow pov	vei CiviOS II	mage Sensor 320 x 320	Consigned par
		LTOHTC102		UDFN-6-MA		Vory high of	FM A V 17222	EMAX17222ELT+T	Do not popula
				UDFN-6-EX				EMAX44009EDT+T	
		NRF52840		AQFN73	U10	ultra-low pov			
		PMDXB9500						1-PMDXB950UPELZ	
				41MM_SQ_41		mm 2 KGE	07-2123-1-1	NISML-LX0404SIUPGUSB	
		SN74AUP2C			U6	Ci 1	0.00 1001 3	SN74AUP2G04DCKR	
				ISOLAR_HO				DAM-1454CA	D ()
	I	TPS22860	TPS22860	SOT-23-6	U9	Ultra-Low L	ę296-43982-	1-TPS22860DBVR	Do not populat