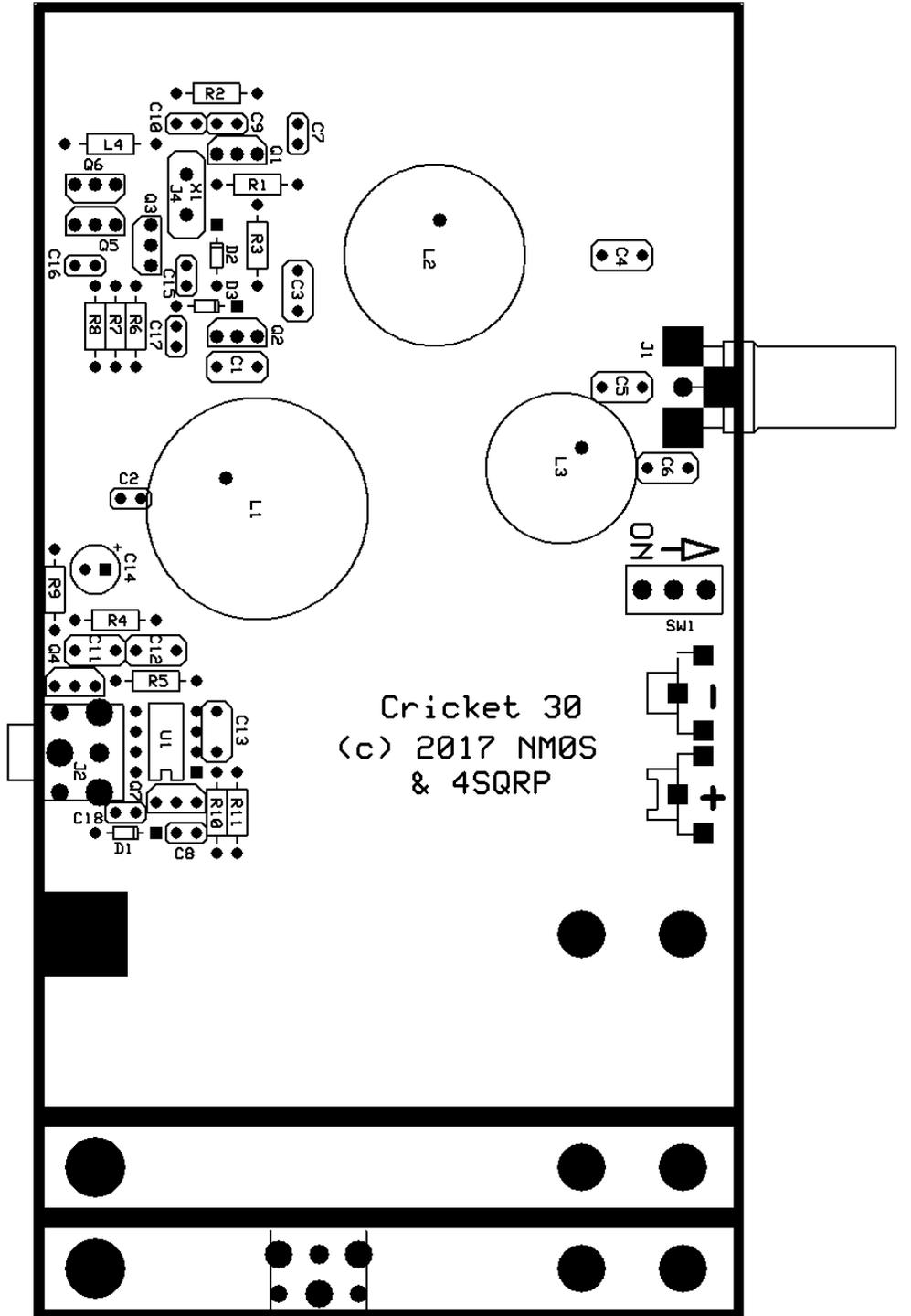


4SQRP		
Cricket 30		
NM0S	Rev A	Page 1
	1/17/2018	

CRICKET Component Placement



CRICKET 30 BOM

Value	Description	Parts	Qty	Label
0.01u	Ceramic Disk	C2, C7, C16	3	103
0.1u	Ceramic Disk	C8, C17	2	104
1.0u	Monolithic	C11, C13	2	105
100u	Electrolytic	C14	1	100u
100p	Ceramic Disk	C9	1	101
150p	Monolithic	C15	1	151
27p	Monolithic	C1	1	270
180p	Ceramic Disk	C10, C18	2	181
68p	Monolithic	C5	1	680
150p	Monolithic	C3	1	151
220p	Monolithic	C4	1	221
270p	Monolithic	C6	1	271
680p	Monolithic	C12	1	681
1N914	glass diode	D1, D2, D3	3	
ANT	BNC	J1	1	
Phones, Key	1/8" Stereo	J2, J3	2	
Xtal Socket	SIP Socket	J4	1	
Battery +	9v +	J5	1	
Battery -	9v -	J6	1	
Switch	SPDT	SW1	1	
27uH	Molded axial	L4	1	red-violet-black
2N7000	TO-92 transistor	Q1,Q2,Q3,Q4,Q5,Q66		2N7000
SS8550	TO-92 transistor	Q7	1	8550
470	1/4w resistor	R1	1	Yellow-violet-brown
10k	1/4w resistor	R10	1	Brown-black-orange
1.0M	1/4w resistor	R2, R3, R6	3	Brown-black-green
1.5k	1/4w resistor	R9	1	brown-green-red
330	1/4w resistor	R4	1	orange-orange-brown
4.7k	1/4w resistor	R11	1	yellow-violet-red
47k	1/4w resistor	R5,R7,R8	3	yellow-violet-orange
NJM2113	DIP8 IC	U1	1	NJM2113
10.110mhZ	cRYSTAL	X1	1	10.11
10.106MHz	Crystal	X1	1	10.106
6-32 x 3/8	screw		2	
8-32 x 3/8	screw		1	
6-32 nut	nut		2	
6 - 1/8"	spacer		2	
#8	flat washer		2	
knob	knob		1	
rubber feet			4	
Value	Description	Parts	Qty	Label