

Parts list for SSB Exciter by YU1RK (SPRAT145)

Note from G3RJV.

I regret to say I omitted the parts list for Dusko's project in SPRAT 145.

R	Value	Note
1	51 Ω	¼ W
2	1.5 k Ω	¼ W
3	3.3 k Ω	¼ W
4	10 k Ω	¼ W
5	100 k Ω	¼ W
6	3.3 k Ω	¼ W
7	5.6 k Ω	¼ W
8	100 Ω	¼ W
9	22 k Ω	¼ W
10	22 k Ω	¼ W
11	3.9 k Ω	¼ W
12	3.9 k Ω	¼ W
13	3.3 k Ω	¼ W
14	1 M Ω	¼ W
15	3.9 k Ω	¼ W
16	3.9 k Ω	¼ W
17	1 M Ω	¼ W
18	1 k Ω	¼ W
19	100 k Ω	¼ W, see text
20	22 Ω	¼ W
21	56 Ω	¼ W
22	56 Ω	¼ W
C		
1		Part of BPF
2		Part of BPF
3		Part of BPF
4		Part of BPF
5		Part of BPF
6	100 nF	multilayer
7	470 nF	63 V, WIMA
8	10 μ F	tantalum, radial
9	100 nF	multilayer
10	10 μ F	tantalum, radial
11	10 μ F	tantalum, radial
12	47 μ F	20 V, tant, radial, ERO
13	47 μ F	20 V, tant, radial, ERO
14	47 μ F	20 V, tant, radial, ERO
15	22 nF	63 V, WIMA
16	10 nF	63 V, WIMA

17	2.2 μ F	20 V, tant, axial, KEMET
18	39 pF	ceramic
19	22 nF	63 V, WIMA
20	10 nF	63 V, WIMA
21	100 nF	multilayer
22	2.2 μ F	20 V, tant, axial, KEMET
23	2.2 μ F	20 V, tant, axial, KEMET
24	220 pF	ceramic
25	390 pF	ceramic
26	10 μ F	tantalum, radial
L		
1		Part of BPF, TOKO 10K or Amidon toroid
2		Part of BPF, TOKO 10K or Amidon toroid
3	FT-37-61	Transformer, see text
4	FT-37-61	Transformer, see text
5	100 μ H	Axial
6	RFC	RF choke
Q		
1	BC550	BC414 is maybe better
2	BC550	BC414 is maybe better
3	BF247	FET
4	BC337	
U		
1	TL074	
RLY	RH-12V	SDS Relay
DB M	SBL-1	SRA-1 or similar
FL	2.4 kHz	see text
D1	1N4148	
D2	1N4002	