

Metal-O-Tron II Bill Of Materials

Id	Designator	Quantity	Designation			
1	R56,R43,R40,R37,R18,R13,R53,R52,R82,R64,R30	11	1k			
2	R19,R20	2	1.5k			
3	R68, R9	2	4.7k			
4	R41,R8,R6,R4,R2, R44,R57,R38,R55,R33,R59, R45,R42	13	10k			
5	R67	1	15k			
6	R51,R66,R65	3	20k			
7	R87,R73	2	30k			
8	R26,R86,R81,R80,R46	5	47k			
9	R60,R48	2	68k			
10	R69,R70,R72,R71,R34,R83,R39,R36,R32,R25,R21, R10,R85,R77,R79,R28,R27,R24,R23,R22,R16,R12, R15,R14,R7,R5,R17,R11,R3,R1,R61,R29,R62,R58, R54,R49	36	100k			
11	R50,R35	2	200k			
12	R75	1	220k			
13	R74	1	300k			
14	R76,R63	2	470k			
15	R31,R89, R88,R78,R84,R47	6	1M			
16	C27,C12	2	150pF			
17	C31	1	4.7nF			
18	C5,C9	2	10nF			
19	C35,C34,C28,C26,C25,C23,C22,C20,C19,C18, C17,C16,C15,C14,C13,C11,C4,C3,C2,C1,C10	21	100nF			
20	C7,C6	2	220nF			
21	C33	1	470nF			
22	C21	1	1uF			
23	C8	1	4.7uF			
24	C24, C30,C29	3	10uF			
25	C32	1	47uF			
26	U8,U7,U5	3	TL072			
27	U1,U4,U3,U2	4	TL074			
28	U11	1	LM13700			
29	U17	1	AS3360			
30	U6	1	CD4070			
31	Q8,Q7,Q6,Q5	4	2N3904			
32	Q1	1	BC550			
33	Q2	1	J201			
34	Q3,Q4	2	2N3906			
35	D9,D3,D1,D8,D7,D6,D5,D2	8	D			
36	D4	1	LED			
37	VCA_ON/OFF, SW4, SW3, SW2, DECAY 1	5	ON-ON			
38	M7,M6,M5,M4,M3,M2,M1	7	OUT			
39	J9,J7,J5,J3	4	Pin Header male 9 pin			
40	J8,J6,J4,J2	4	Pin Header Female 9 pin			
41	J1	1	IDC 2x5			
42	RV10,RV6,RV5	3	A100K			

43	RV13,RV11,RV7,RV4,RV3,RV2,RV1	7	B100K			
44	RV12	1	B10K-Center dented			
45	RV8	1	A1M			
46	RV9	1	100K trimmer			
47		12	knobs & tops			
48		4	screws & washers			
49		1	power cable			
50		1	IDC female 2x5			
51		1	IDC female 2x8			
52		6	DIP 14 socket			
53		1	DIP 16 socket			
54		1	DIP 8 socket			
	Total	212				