

ES202 - Resonant Equalizer Component Kit

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	47pF 5% Ceramic	2	C101, C124	RAD-0.2N
2	220pF 2.5% Polystyrene	4	C118, C119, C120, C121	AXIAL-0.4W
3	680pF 2.5% Polystyrene	2	C116, C117	AXIAL-0.4
4	1nF 63V Polyester	2	C114, C115	RAD-0.2
5	2.2nF 63V Polyester	2	C112, C113	RAD-0.2
6	4n7 63V Polyester	4	C108, C109, C110, C111	RAD-0.2
7	10nF 63V Polyester	2	C106, C107	RAD-0.2
8	22nF 63V Polyester	2	C104, C105	RAD-0.2
9	47nF 63V Polyseter	2	C102, C103	RAD-0.2
10	100nF Ceramic	16	C127, C128, C129, C130, C131, C132, C133, C134, C135, C136, C137, C138, C139, C140, C141, C142	RAD-0.2N
11	4.7uF 25V Electrolytic	2	C122, C123	RB-D5.0-P2.0
12	10uF 35V Electrolytic	2	C125, C126	RB-D5.0-P2.0
	CONNECTOR			
13	1x4 Pin RA Header	4	J101, J102, J103, J104	-
14	IDC16 Box Header	1	J105	2.54MM
15	8-pin IC Socket 0.3inch	10	U102, U103, U104, U105, U106, U107, U108, U109, U110, U111	DIP-8
16	1x1 Pin 9mm Header	10	X1, X2, X3, X4, X6, X7, X8, X9, X10, X11	2.54MM
17	14-pin IC Socket 0.3inch	2	U101, U112	DIP-14
18	1x4 Pin 9mm Header	1	X5	2.54MM
	LINEAR			
19	TL074 Quad JFET Opamp	2	U101, U112	DIP-14
20	LF353 - Dual JFET Opamp	3	U109, U110, U111	DIP-8
21	TL071 JFET Opamp	7	U102, U103, U104, U105, U106, U107, U108	DIP-8
	INDUCTOR			
22	Ferrite Bead - 5A	2	L101, L102	AXIAL-0.3

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	POTENTIOMETER			
23	50KA LOG - 18T Spline	1	P101	ALPHA 16MM
24	50K Lin Slider 45mm with Red LED	5	P103, P105, P107, P109, P111	RA4545
25	50K Lin Slider 45mm with Green LED	5	P102, P104, P106, P108, P110	RA4545
	RESISTOR			
26	330R 1% 0.5W Metal Film	3	R105, R153, R155	AXIAL-0.4
27	390R 1% 0.5W Metal Film	2	R156, R157	AXIAL-0.4
28	3K3 1% 0.5W Metal Film	1	R101	AXIAL-0.4
29	4K7 1% 0.5W Metal Film	2	R103, R104	AXIAL-0.4
30	10K 1% 0.5W Metal Film	3	R137, R142, R147	AXIAL-0.4
31	15K4 1% 0.5W Metal Film	1	R146	AXIAL-0.4
32	16K5 1% 0.5W Metal Film	2	R136, R141	AXIAL-0.4
33	22K 1% 0.5W Metal Film	2	R123, R148	AXIAL-0.4
34	24K 1% 0.5W Metal Film	1	R127	AXIAL-0.4
35	27K 1% 0.5W Metal Film	1	R131	AXIAL-0.4
36	30K 1% 0.5W Metal Film	1	R111	AXIAL-0.4
37	33K 1% 0.5W Metal Film	2	R138, R143	AXIAL-0.4
38	36K 1% 0.5W Metal Film	2	R115, R122	AXIAL-0.4
39	39K 1% 0.5W Metal Film	1	R106	AXIAL-0.4
40	43K 1% 0.5W Metal Film	2	R119, R126	AXIAL-0.4
41	47K 1% 0.5W Metal Film	13	R109, R113, R117, R121, R125, R129, R130, R133, R149, R150, R151, R152, R154	AXIAL-0.4
42	51K 1% 0.5W Metal Film	1	R110	AXIAL-0.4
43	62K 1% 0.5W Metal Film	1	R114	AXIAL-0.4
44	68K 1% 0.5W Metal Film	3	R118, R144, R145	AXIAL-0.4
45	82K 1% 0.5W Metal Film	2	R134, R135	AXIAL-0.4
46	91K 1% 0.5W Metal Film	1	R107	AXIAL-0.4
47	130K 1% 0.5W Metal Film	2	R139, R140	AXIAL-0.4
48	470K 1% 0.5W Metal Film	1	R102	AXIAL-0.4
49	510K 1% 0.5W Metal Film	2	R108, R124	AXIAL-0.4
50	560K 1% 0.5W Metal Film	1	R128	AXIAL-0.4

