

Oakley SE330 - Stereo Ensemble Component Kit

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	1nF 63V Polyester	3	C110, C118, C119	RAD-0.2
2	1.5nF 63V Polyester	5	C1, C3, C5, C7, C106	RAD-0.2
3	2.2nF 63V Polyester	5	C2, C4, C6, C8, C105	RAD-0.2
4	22nF 63V Polyester	5	C33, C34, C35, C36, C107	RAD-0.2
5	100nF 63V Polyester	2	C63, C65	RAD-0.2
6	330nF 63V Polyester	1	C108	RAD-0.2
7	470nF 63V Polyester	8	C25, C26, C27, C28, C64, C66, C69, C70	RAD-0.2X
8	1000nF 63V Polyester	8	C29, C30, C31, C32, C93, C111, C122, C123	RAD-0.2X
9	47pF Ceramic	4	C17, C18, C19, C20	RAD-0.1N
10	100pF Ceramic C0G	13	C45, C46, C47, C48, C67, C68, C71, C72, C90, C91, C94, C99, C100	RAD-0.1N
11	220pF Ceramic	6	C13, C14, C15, C16, C117, C121	RAD-0.1N
12	330pF 10% Ceramic	1	C92	RAD-0.1N
13	560pF Ceramic, C0G	3	C101, C109, C112	RAD-0.1N
14	100nF 50V Ceramic NPO Axial	44	C9, C10, C11, C12, C21, C22, C23, C24, C41, C42, C43, C44, C59, C60, C61, C62, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C86, C87, C88, C89, C95, C98, C102, C103, C104, C113, C114, C115, C116, C124, C125, C126	AXIAL-0.3
15	2.2uF Electrolytic	8	C37, C38, C39, C40, C49, C50, C51, C52	RB-D5.0-P2.0
16	10uF 35V Electrolytic	2	C57, C58	RB-D5.0-P2.0
17	10uF Bipolar Electrolytic	4	C85, C96, C97, C120	RB-D6.3-P2.5
18	47uF Electrolytic	4	C53, C54, C55, C56	RB-D5-P2.5
	CONNECTOR			
19	KK396 - 4-way Crimp Housing	1	PSU	3.96MM
20	8-pin IC Socket 0.3inch	29	U3, U4, U5, U6, U7, U8, U9, U11, U12, U14, U15, U16, U17, U18, U19, U22, U23, U25, U26, U27, U29, U31, U32, U34, U35, U36, U38, U39, U40	DIP-8
21	CRIMP - KK254	8		-
22	KK396 - 4-way Straight - Locking Header	1	PSU	-
23	CRIMP - KK396	4		-
24	3-way 0.1inch Crimp Housing	2	OUT_L, OUT_R	2.54MM
25	2-way 0.1inch Crimp Housing	1	INPUT	2.54MM
26	16-pin IC Socket 0.3inch	7	U2, U10, U20, U21, U28, U30, U37	DIP-16

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27	3-way 0.1inch Straight Header	2	OUT_L, OUT_R	2.54MM
28	2-way 0.1inch Straight Header	1	INPUT	2.54MM
29	6.35mm Mono Socket - Metal, Panel	3	INPUT, OUT_L, OUT_R	-
	DIODE			
30	3.6V 5% 1W	2	D18, D19	DIODE-0.3
31	1N4148	16	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D15, D16, D17, D20	DIODE-0.3
32	1N5819 Schottky Power	2	D13, D14	DIODE-0.3
	HARDWARE			
33	KNOB - Metal Insert - D- 16mm	7		-
34	M3 x 3mm Nylon Spacer	8		-
35	M3 x 12mm Bolt PH	8		-
36	M3 Nut	8		-
	LINEAR			
37	DG403 - Dual SPDT CMOS Analogue Switch	2	U20, U37	DIP-16
38	V3207 - 1024-stage BBD Analog Delay Line	4	U6, U17, U26, U35	DIP-8
39	V2164 - Quad VCA	1	U28	DIP-16
40	TL072 Dual JFET Opamp	16	U3, U4, U5, U11, U12, U14, U15, U16, U22, U23, U25, U29, U31, U32, U34, U38	DIP-8
41	OPA2134 - Audio Opamp	4	U8, U19, U39, U40	DIP-8
42	LM13700 - Dual OTA	4	U2, U10, U21, U30	DIP-16
43	V3102 - 2-phase Clock Generator	4	U7, U18, U27, U36	DIP-8
44	78L09 +9V 100mA Fixed Voltage Regulator	4	U1, U13, U24, U33	TO-92
45	NE5532 - Dual Low-Noise Opamp	1	U9	DIP-8
	OPTO-ELECTRONIC			
46	3mm HE-Red LED	1	PEAK	-
47	3mm HE-Yellow LED	1	ON	-
	POTENTIOMETER			
48	ALPHA Pot Bracket	7		ALPHA 16MM
49	50KB LIN Dual-gang - 1/4inch D-shaft	2	BALANCE, OUT_LEVEL	ALPHA 16MM - DUAL

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50	50KB LIN - 18T Spline	5	IN_LEVEL, SIN_DEPTH, SIN_RATE, TRI_DEPTH, TRI_RATE	ALPHA 16MM
	RESISTOR			
51	220R 1% 0.5W Metal Film	8	R57, R58, R59, R60, R138, R140, R168, R170	AXIAL-0.4
52	390R 1% 0.5W Metal Film	8	R85, R86, R87, R88, R98, R99, R100, R101	AXIAL-0.4
53	470R 1% 0.5W Metal Film	1	R177	AXIAL-0.4
54	510R 1% 0.5W Metal Film	3	R158, R164, R166	AXIAL-0.4
55	1K0 1% 0.5W Metal Film	1	R179	AXIAL-0.4
56	3K3 1% 0.5W Metal Film	5	R45, R46, R47, R48, R188	AXIAL-0.4
57	4K7 1% 0.5W Metal Film	2	R67, R69	AXIAL-0.4
58	6K8 1% 0.5W Metal Film	11	R1, R3, R5, R7, R61, R63, R79, R80, R93, R94, R176	AXIAL-0.4
59	8K2 1% 0.5W Metal Film	1	R183	AXIAL-0.4
60	10K 1% 0.5W Metal Film	17	R9, R10, R11, R12, R41, R42, R43, R44, R84, R89, R145, R146, R147, R148, R149, R150, R174	AXIAL-0.4
61	11K 1% 0.5W Metal Film	5	R2, R4, R6, R8, R175	AXIAL-0.4
62	15K 1% 0.5W Metal Film	21	R68, R70, R72, R73, R75, R76, R77, R82, R83, R90, R91, R96, R105, R107, R152, R153, R156, R159, R160, R184, R187	AXIAL-0.4
63	20K 1% 0.5W Metal Film	1	R181	AXIAL-0.4
64	22K 1% 0.5W Metal Film	7	R97, R102, R141, R142, R143, R144, R180	AXIAL-0.4
65	33K 1% 0.5W Metal Film	18	R25, R26, R27, R28, R53, R54, R55, R56, R104, R106, R134, R135, R136, R155, R157, R173, R185, R186	AXIAL-0.4
66	47K 1% 0.5W Metal Film	18	R21, R22, R23, R24, R78, R81, R92, R95, R103, R108, R109, R110, R111, R113, R115, R116, R118, R171	AXIAL-0.4
67	56K 1% 0.5W Metal Film	5	R122, R123, R128, R130, R172	AXIAL-0.4
68	100K 1% 0.5W Metal Film	31	R13, R15, R17, R19, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R121, R124, R127, R129, R131, R133, R137, R139, R151, R161, R162, R163, R165, R167, R169	AXIAL-0.4
69	120K 1% 0.5W Metal Film	4	R112, R114, R117, R119	AXIAL-0.4
70	150K 1% 0.5W Metal Film	4	R49, R50, R51, R52	AXIAL-0.4
71	180K 1% 0.5W Metal Film	4	R14, R16, R18, R20	AXIAL-0.4
72	220K 1% 0.5W Metal Film	4	R120, R125, R126, R132	AXIAL-0.4
73	270K 1% 0.5W Metal Film	1	R182	AXIAL-0.4
74	470K 1% 0.5W Metal Film	7	R62, R64, R65, R66, R71, R74, R154	AXIAL-0.4

