

CGS597 - Noise Source Component Kit

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	10pF 5% Ceramic	1	C102	RAD-0.2N
2	22pF 10% Ceramic	1	C206	RAD-0.2N
3	1nF 5% Ceramic,	2	C202, C205	RAD-0.2N
4	2.2nF 63V Polyester	1	C105	RAD-0.2
5	10nF 5% Ceramic	1	C303	RAD-0.2N
6	10nF 63V Polyester	4	C107, C108, C201, C203	RAD-0.2
7	100nF Polypropylene	1	C204	RAD-0.2X
8	100nF Ceramic	1	C304 NB: See Build Guide	RAD-0.2N
9	1uF 50V Electrolytic	2	C101, C104	RB-D5.0-P2.0
10	1uF 35V Tantalum	1	C305 NB: See Build Guide	RB-D5.0-P5.0
11	10uF 35V Electrolytic	2	C301, C302	RB-D5.0-P2.0
12	47uF Electrolytic	3	C103, C106, C109	RB-D5-P2.5
	CONNECTOR			
13	8-pin IC Socket 0.3inch	1	U202	DIP-8
14	14-pin IC Socket 0.3inch	2	U101, U201	DIP-14
15	CRIMP - KK396	3	J301^3	-
16	KK396 - 3-way Crimp Housing	1	J301	-
17	KK396 - 3-way Straight - Locking Header	1	J301	-
	DIODE			
18	1N4148	2	D101, D201	DIODE-0.3
	LINEAR			
19	CA3130 Opamp	1	U202	DIP-8
20	LM3900 - Quad Norton Amplifier	1	U101	DIP-14
	INDUCTOR			
21	Ferrite Bead - 5A	2	L301, L302	AXIAL-0.3

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	LOGIC			
22	CD4007UB - Dual Complimentary Pair plus Inverter	1	U201	DIP-14
	RESISTOR			
23	330R 1% 0.5W Metal Film	1	R211	AXIAL-0.4
24	820R 1% 0.5W Metal Film	1	R212	AXIAL-0.4
25	1K0 1% 0.5W Metal Film	1	R107	AXIAL-0.4
26	3K3 1% 0.5W Metal Film	1	R213	AXIAL-0.4
27	8K2 1% 0.5W Metal Film	1	R208	AXIAL-0.4
28	10K 1% 0.5W Metal Film	3	R116, R117, R301	AXIAL-0.4
29	15K 1% 0.5W Metal Film	1	R105	AXIAL-0.4
30	18K 1% 0.5W Metal Film	1	R209	AXIAL-0.4
31	22K 1% 0.5W Metal Film	1	R302	AXIAL-0.4
32	33K 1% 0.5W Metal Film	3	R110, R112, R204	AXIAL-0.4
33	47K 1% 0.5W Metal Film	3	R118, R202, R203	AXIAL-0.4
34	100K 1% 0.5W Metal Film	6	R104, R109, R113, R205, R206, R210	AXIAL-0.4
35	220K 1% 0.5W Metal Film	2	R101, R114	AXIAL-0.4
36	330K 1% 0.5W Metal Film	1	R111	AXIAL-0.4
37	470K 1% 0.5W Metal Film	1	R102	AXIAL-0.4
38	1M0 1% 0.5W Metal Film	2	R103, R106	AXIAL-0.4
39	2M2 1% 0.5W Metal Film	2	R108, R201	AXIAL-0.4
	TRANSISTOR			
40	PN4250 PNP Transistor [Hfe>450]	1	Q101	TO-92
41	BC547B NPN Transistor	1	Q201	TO-92
42	BC557B PNP Transistor	3	Q102, Q202, Q301	TO-92
	TRIMPOT			
43	10K MTV Cermet	1	P101	T93YA
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