

CGS575 - VCS Component Kit

Item	Description	Qty	Designator	Package
CAPACITOR				
1	47pF 5% Ceramic	6	C101, C102, C301, C302, C601, C602	RAD-0.2N
2	1nF 63V Polyester	2	C501, C502	RAD-0.2
3	10nF 5% Ceramic	1	C707	RAD-0.2N
4	22nF 63V Polyester	1	C201	RAD-0.2
5	100nF Ceramic	4	C703, C704, C705, C706	RAD-0.2N
6	10uF 35V Electrolytic	2	C701, C702	RB-D5.0-P2.0
7	47uF Electrolytic	1	C401	RB-D5-P2.5
CONNECTOR				
8	14-pin IC Socket 0.3inch	2	U102, U601	DIP-14
9	3-way 0.1inch Crimp Housing	1	J701	2.54MM
10	CRIMP - KK254	3	J701^3	-
11	8-pin IC Socket 0.3inch	3	Q203, Q204, U101	DIP-8
12	1x4 Pin 16mm Header	2	1J403, 1S401	-
13	3-way 0.1inch Straight Header	1	J701	2.54MM
DIODE				
14	1N4148	6	D101, D401, D501, D502, D503, D504	DIODE-0.3
15	5.6V 5% 500mW	1	D102	DIODE-0.3
LINEAR				
16	TL074 Quad JFET Opamp	1	U601	DIP-14
17	LM3900 - Quad Norton Amplifier	1	U102	DIP-14
18	TL072 Dual JFET Opamp	1	U101	DIP-8
INDUCTOR				
19	Ferrite Bead - 5A	2	L701, L702	AXIAL-0.3
MODULE				
20	Dual Matched NPN Sub-Assembly	1	Q203	-
21	Dual Matched PNP Sub-Assembly	1	Q204	-

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	RESISTOR			
22	100R 1% 0.5W Metal Film	1	R203	AXIAL-0.4
23	1K0 1% 0.5W Metal Film	2	R108, R404	AXIAL-0.4
24	1K8 1% 0.5W Metal Film	1	R202	AXIAL-0.4
25	2K2 1% 0.5W Metal Film	3	R107, R204, R205	AXIAL-0.4
26	8K2 1% 0.5W Metal Film	1	R114	AXIAL-0.4
27	33K 1% 0.5W Metal Film	2	R503, R506	AXIAL-0.4
28	68K 1% 0.5W Metal Film	1	R111	AXIAL-0.4
29	82K 1% 0.5W Metal Film	5	R201, R310, R311, R610, R611	AXIAL-0.4
30	100K 1% 0.5W Metal Film	13	R112, R117, R303, R304, R305, R402, R501, R502, R504, R505, R603, R604, R605	AXIAL-0.4
31	150K 1% 0.5W Metal Film	1	R403	AXIAL-0.4
32	220K 1% 0.5W Metal Film	4	R103, R110, R115, R116	AXIAL-0.4
33	330K 1% 0.5W Metal Film	3	R105, R301, R601	AXIAL-0.4
34	470K 1% 0.5W Metal Film	2	R307, R607	AXIAL-0.4
35	820K 1% 0.5W Metal Film	4	R101, R102, R309, R609	AXIAL-0.4
36	1M0 1% 0.5W Metal Film	8	R106, R109, R302, R306, R308, R602, R606, R608	AXIAL-0.4
37	10M 1% 0.5W Metal Film	2	R104, R113	AXIAL-0.4
	TRANSISTOR			
38	2N3904 NPN Transistor	1	Q401	TO-92
39	2N3906 PNP Transistor	1	Q101	TO-92
	TRIMPOT			
40	100K MTV Cermet	1	P101	T93YA
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