

CGS309 - VC Divider Component Kit

Item	Description	Qty	Designator	Package
CAPACITOR				
1	1.5nF 63V Polyester	1	C401	RAD-0.2
2	10nF 63V Polyester	1	C402	RAD-0.2
3	100nF Ceramic	9	C504, C505, C506, C507, C508, C509, C510, C511, C512	RAD-0.2N
4	10uF 35V Electrolytic	3	C501, C502, C503	RB-D5.0-P2.0
CONNECTOR				
5	8-pin IC Socket 0.3inch	4	U101, U102, U202, U301	DIP-8
6	14-pin IC Socket 0.3inch	2	U201, U401	DIP-14
7	3-way 0.1inch Straight Header	1	J501	2.54MM
8	3-way 0.1inch Crimp Housing	1	J501	2.54MM
9	CRIMP - KK254	3	J501^3	-
DIODE				
10	1N4148	9	D101, D102, D301, D302, D303, D304, D401, D402, D403	DIODE-0.3
LINEAR				
11	LM358 - Dual Opamp	2	U102, U301	DIP-8
12	TL072 Dual JFET Opamp	2	U101, U202	DIP-8
INDUCTOR				
13	Ferrite Bead - 0.45uH 7A	2	L501, L502	AXIAL-0.3
LOGIC				
14	CD4024 - 7-stage Binary Counter	1	U201	DIP-14
15	CD40106 - Hex Schmitt Trigger	1	U401	DIP-14
RESISTOR				
16	10R 1% 0.5W Metal Film	2	R501, R502	AXIAL-0.4
17	330R 1% 0.5W Metal Film	2	R217, R218	AXIAL-0.4
18	1K0 1% 0.5W Metal Film	4	R109, R310, R403, R407	AXIAL-0.4
19	2K0 1% 0.5W Metal Film	1	R113	AXIAL-0.4
20	6K8 1% 0.5W Metal Film	2	R101, R102	AXIAL-0.4

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21	7K5 1% 0.5W Metal Film	1	R304	AXIAL-0.4
22	10K 1% 0.5W Metal Film	11	R110, R301, R302, R303, R308, R309, R311, R401, R402, R404, R405	AXIAL-0.4
23	47K 1% 0.5W Metal Film	1	R307	AXIAL-0.4
24	75K 1% 0.5W Metal Film	1	R112	AXIAL-0.4
25	100K 1% 0.5W Metal Film	16	R103, R104, R105, R106, R107, R108, R203, R205, R207, R209, R211, R213,	AXIAL-0.4
			R215, R216, R305, R306	
26	200K 1% 0.5W Metal Film	8	R201, R202, R204, R206, R208, R210, R212, R214	AXIAL-0.4
27	220K 1% 0.5W Metal Film	1	R111	AXIAL-0.4
28	1M0 1% 0.5W Metal Film	1	R406	AXIAL-0.4
	TRANSISTOR			
29	BC547B NPN Transistor	2	Q401, Q402	TO-92
	TRIMPOT			
30	2K 25TV Cermet	1	P302	T93YA
31	50K 25TV Cermet	1	P303	T93YA
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