

CGS578 - VCA Component Kit

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	47pF 5% Ceramic	1	C202	RAD-0.2N
2	10nF 5% Ceramic	2	C4, C5	RAD-0.2N
3	100nF Ceramic	2	C6, C7	RAD-0.2N
4	100nF 63V Polyester	1	C201	RAD-0.2
5	10uF 35V Electrolytic	3	C1, C2, C3	RB-D5.0-P2.0
	CONNECTOR			
6	16-pin IC Socket 0.3inch	1	U201	DIP-16
7	8-pin IC Socket 0.3inch	1	U202	DIP-8
8	CRIMP - KK254	3	J1^3	-
9	3-way 0.1inch Crimp Housing	1	J1	2.54MM
10	3-way 0.1inch Straight Header	1	J1	2.54MM
	DIODE			
11	1N4148	1	D101	DIODE-0.3
12	6V2 5% 500mW	1	D1	DIODE-0.3
	LINEAR			
13	LM13700 - Dual OTA	1	U201	DIP-16
14	TL071 JFET Opamp	1	U202	DIP-8
	INDUCTOR			
15	Ferrite Bead - 5A	2	L1, L2	AXIAL-0.3
	RESISTOR			
16	330R 1% 0.5W Metal Film	3	R203, R206, R210	AXIAL-0.4
17	1K0 1% 0.5W Metal Film	2	R103, R108	AXIAL-0.4
18	2K2 1% 0.5W Metal Film	2	R1, R107	AXIAL-0.4
19	10K 1% 0.5W Metal Film	1	R207	AXIAL-0.4
20	22K 1% 0.5W Metal Film	5	R102, R104, R109, R201, R204	AXIAL-0.4
21	47K 1% 0.5W Metal Film	1	R211	AXIAL-0.4

