

**CGS364 - VCA Component Kit**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	47pF 5% Ceramic	4	C1, C2, C6, C7	RAD-0.2N
2	100nF Ceramic	4	C10, C11, C12, C13	RAD-0.2N
3	100nF 63V Polyester	3	C3, C4, C5	RAD-0.2
4	10uF 35V Electrolytic	2	1C8, 1C9	RB-D5.0-P2.0
	<b>CONNECTOR</b>			
5	Jumper Shunt	1	JP1	2.54MM
6	1x3 Pin 9mm Header	1	JP1	2.54MM
7	8-pin IC Socket 0.3inch	3	Q5, U1, U2	DIP-8
8	3-way 0.1inch Crimp Housing	1	J4	2.54MM
9	CRIMP - KK254	3	J4^3	-
10	3-way 0.1inch Straight Header	1	J4	2.54MM
	<b>LINEAR</b>			
11	TL072 Dual JFET Opamp	2	U1, U2	DIP-8
	<b>INDUCTOR</b>			
12	Ferrite Bead - 5A	2	L1, L2	AXIAL-0.3
	<b>RESISTOR</b>			
13	Wire Link	1	JP1 NB: JP1_1-JP1_2	TO FIT
14	220R 1% 0.5W Metal Film	2	R14, R17	AXIAL-0.4
15	330R 1% 0.5W Metal Film	1	R21	AXIAL-0.4
16	1K0 1% 0.5W Metal Film	1	R24	AXIAL-0.4
17	22K 1% 0.5W Metal Film	1	R23	AXIAL-0.4
18	47K 1% 0.5W Metal Film	2	R15, R16	AXIAL-0.4
19	100K 1% 0.5W Metal Film	12	R3, R4, R5, R6, R8, R9, R12, R13, R1, R2, R10, R11	AXIAL-0.4
20	130K 1% 0.5W Metal Film	2	R19, R20	AXIAL-0.4
21	220K 1% 0.5W Metal Film	1	R7	AXIAL-0.4
22	360K 1% 0.5W Metal Film	1	R22	AXIAL-0.4
23	1M0 1% 0.5W Metal Film	1	R18	AXIAL-0.4

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	<b>TRANSISTOR</b>			
24	LS312 - Dual Matched NPN Transistors	1	Q5 NB: Marked as LS31F	DIP-8
25	BC558B PNP Transistor	1	Q1	TO-92
	<b>TRIMPOT</b>			
26	5K MTV Cermet	1	P2	T93YA
27	100K MTV Cermet	2	P1, P3	T93YA
	<b>KITS</b>			
28	MATCHED - BC548-3 NPN Transistor	1	Q2_Q3_Q4	TO-92

