

CGS414 - VC QLFO Component Kit

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	10pF 5% Ceramic	1	C203	RAD-0.2N
2	82pF 5% Ceramic	1	C102	RAD-0.2N
3	150pF 5% Ceramic	2	C301, C401	RAD-0.2N
4	4n7 63V Polyester	1	C101	RAD-0.2
5	10000pF 1% Polystyrene	2	C201, C202	RAD-0.7
6	10nF 5% Ceramic	16	C503, C504, C505, C506, C507, C508, C509, C510, C511, C512, C513, C514, C515, C516, C517, C518	RAD-0.2N
7	68nF 63V Polyester	1	C204	RAD-0.2
8	10uF 35V Electrolytic	2	C501, C502	RB-D5.0-P2.0
	CONNECTOR			
9	3-way 0.1inch Crimp Housing	1	J501	2.54MM
10	CRIMP - KK254	3	J501^3	-
11	16-pin IC Socket 0.3inch	2	U201, U301	DIP-16
12	8-pin IC Socket 0.3inch	7	Q101, U101, U102, U202, U203, U302, U303	DIP-8
13	3-way 0.1inch Straight Header	1	J501	2.54MM
	DIODE			
14	1N4148	4	D201, D202, D301, D401	DIODE-0.3
	LINEAR			
15	LM13700 - Dual OTA	2	U201, U301	DIP-16
16	LF353 - Dual JFET Opamp	2	U302, U303	DIP-8
17	TL082 Dual JFET Opamp	1	U202	DIP-8
18	LT1013CP - Dual Precision Opamp	1	U101	DIP-8
19	TL071 JFET Opamp	1	U203	DIP-8
20	OPA134 - Audio Opamp	1	U102	DIP-8
	INDUCTOR			
21	Ferrite Bead - 5A	2	L501, L502	AXIAL-0.3

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	RESISTOR			
22	47R 1% 0.5W Metal Film	2	R305, R405	AXIAL-0.4
23	330R 1% 0.5W Metal Film	4	R307, R310, R407, R410	AXIAL-0.4
24	3K32 1% 0.5W Metal Film	2	R212, R214	AXIAL-0.4
25	4K7 1% 0.5W Metal Film	1	R109	AXIAL-0.4
26	10K 1% 0.5W Metal Film	1	R111	AXIAL-0.4
27	15K 1% 0.5W Metal Film	3	R113, R304, R404	AXIAL-0.4
28	20K 1% 0.5W Metal Film	1	R207	AXIAL-0.4
29	22K 1% 0.5W Metal Film	6	R202, R205, R208, R211, R213, R215	AXIAL-0.4
30	33K 1% 0.5W Metal Film	1	R110	AXIAL-0.4
31	34K 1% 0.5W Metal Film	2	R104, R105	AXIAL-0.4
32	51K1 1% 0.5W Metal Film	1	R108	AXIAL-0.4
33	68K 1% 0.5W Metal Film	1	R101	AXIAL-0.4
34	82K 1% 0.5W Metal Film	13	R203, R204, R209, R301, R302, R306, R308, R309, R401, R402, R406, R408, R409	AXIAL-0.4
35	100K 1% 0.5W Metal Film	1	R210	AXIAL-0.4
36	100K 0.1% Metal Film	1	R103	AXIAL-0.4
37	124K 1% 0.5W Metal Film	1	R107	AXIAL-0.4
38	150K 1% 0.5W Metal Film	2	R303, R403	AXIAL-0.4
39	182K 1% 0.5W Metal Film	1	R106	AXIAL-0.4
40	330K 1% 0.5W Metal Film	2	R201, R206	AXIAL-0.4
41	2M2 1% 0.5W Metal Film	1	R112	AXIAL-0.4
42	4M7 1% 0.5W Metal Film	1	R102	AXIAL-0.4
	TRANSISTOR			
43	PN4250 PNP Transistor	2	Q301, Q401	TO-92
44	PN3565 NPN Transistor	1	Q102	TO-92
45	LS358 - Dual Matched PNP Transistors	1	Q101	DIP-8
	TRIMPOT			
46	10K MTV Cermet	1	P104	T93YA
47	20K MTV Cermet	2	P202, P204	T93YA

