

CGS579 - Ring Modulator 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 63V Polyester	1	C203	RAD-0.2
4	100nF Ceramic	2	C6, C7	RAD-0.2N
5	470nF 63V Polyester	2	C101, C201	RAD-0.2X
6	10uF 35V Electrolytic	3	C1, C2, C3	RB-D5.0-P2.0
	CONNECTOR			
7	16-pin IC Socket 0.3inch	1	U201	DIP-16
8	8-pin IC Socket 0.3inch	1	U202	DIP-8
9	KK396 - 4-way Straight - Locking Header	1	J4	-
10	KK396 - 4-way Crimp Housing	1	J4	3.96MM
11	CRIMP - KK396	4	J4^4	-
	DIODE			
12	6V2 5% 500mW	1	D1	DIODE-0.3
13	1N4148	1	D102	DIODE-0.3
	LINEAR			
14	LM13700 - Dual OTA	1	U201	DIP-16
15	TL071 JFET Opamp	1	U202	DIP-8
	INDUCTOR			
16	Ferrite Bead - 5A	2	L1, L2	AXIAL-0.3
	RESISTOR			
17	330R 1% 0.5W Metal Film	3	R206, R207, R210	AXIAL-0.4
18	1K0 1% 0.5W Metal Film	2	R109, R110	AXIAL-0.4
19	2K2 1% 0.5W Metal Film	2	R1, R4	AXIAL-0.4
20	15K 1% 0.5W Metal Film	1	R208	AXIAL-0.4
21	18K 1% 0.5W Metal Film	1	R101	AXIAL-0.4

Page 2