

Bill of Materials for CGS59B - Interface Component Kit

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	10nF 63V Polyester	5		RAD-0.2
2	100nF Ceramic X7R	10		1206
3	100nF Ceramic Capacitor	6		RAD-0.2N
4	10uF 25V Electrolytic	2		RB-D5.0-P2.0
	CONNECTOR			
5	8-pin IC Socket 0.3inch	5		DIP-8
6	Crimp to suit 0.156inch Series MTA	4		-
7	4-way 0.156inch Straight - Locking Header	1		-
8	4-way 0.156inch Crimp Housing	1		3.96MM
	DIODE			
9	1N4148	2		DIODE-0.3
	LINEAR			
10	TL072 Dual JFET Opamp	4		DIP-8
11	LM393 - Dual Comparator	1		DIP-8
	INDUCTOR			
12	Ferrite Bead - 0.45uH 7A	2		-
	RESISTOR			
13	330R 1% 0.5W Metal Film	4		AXIAL-0.4
14	1K0 1% 0.5W Metal Film	4		AXIAL-0.4
15	2K2 1% 0.5W Metal Film	2		AXIAL-0.4
16	10K 1% 0.5W Metal Film	6		AXIAL-0.4
17	22K 1% 0.5W Metal Film	1		AXIAL-0.4
18	33K 1% 0.5W Metal Film	1		AXIAL-0.4
19	47K 1% 0.5W Metal Film	9		AXIAL-0.4
20	100K 1% 0.5W Metal Film	13		AXIAL-0.4
21	150K 1% 0.5W Metal Film	1		AXIAL-0.4
22	220K 1% 0.5W Metal Film	2		AXIAL-0.4

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Item	Description	Qty	Designator	Package
	RESISTOR - continued			
23	470K 1% 0.5W Metal Film	3		AXIAL-0.4
24	1M0 1% 0.5W Metal Film	1		AXIAL-0.4
	TRANSISTOR			
25	BC547A NPN Transistor	3		TO-92
26	BC557B PNP Transistor	2		TO-92

Bill of Materials for CGS59A - Column Component Kit

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	470PF 10% Ceramic	1		RAD-0.2N
2	10nF 63V Polyester	1		RAD-0.2
3	22nF 63V Polyester	1		RAD-0.2
	DIODE			
4	1N4148	5		DIODE-0.3
	RESISTOR			
5	680R 1% 0.5W Metal Film	1		AXIAL-0.4
6	820R 1% 0.5W Metal Film	1		AXIAL-0.4
7	47K 1% 0.5W Metal Film	3		AXIAL-0.4
8	100K 1% 0.5W Metal Film	1		AXIAL-0.4
9	150K 1% 0.5W Metal Film	3		AXIAL-0.4
10	220K 1% 0.5W Metal Film	4		AXIAL-0.4
11	470K 1% 0.5W Metal Film	1		AXIAL-0.4
12	1M0 1% 0.5W Metal Film	1		AXIAL-0.4
	TRANSISTOR			
13	BC557B PNP Transistor	3		TO-92
14	BC547A NPN Transistor	1		TO-92
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