

Bill of Materials for CGS34 - Analog Shift Register Component Kit V2.0

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	33pF 5% Ceramic	3	C205, C206, C207	RAD-0.2N
2	10nF 63V Polyester	1	C101	RAD-0.2
3	100nF Polypropylene	4	C201, C202, C203, C204	RAD-0.2X
4	100nF Ceramic Capacitor	11	C303, C304, C305, C306, C307, C308, C309, C310, C311, C312, C313	RAD-0.2N
5	1uF 35V Tantalum	1	C314	RB-D5.0-P5.0
6	10uF 35V Electrolytic	2	C301, C302	RB-D5.0-P2.0
	CONNECTOR			
7	8-pin IC Socket 0.3inch	5	U101, U201, U202, U203, U204	DIP-8
8	14-pin IC Socket 0.3inch	2	U102, U103	DIP-14
9	16-pin IC Socket 0.3inch	2	U104, U105	DIP-16
10	Crimp to suit 0.156inch Series MTA	4		-
11	4-way 0.156inch Crimp Housing	1	J301	3.96MM
12	4-way 0.156inch Straight - Locking Header	1	J301	-
	DIODE			
13	1N4004 200V 1A	1	D301	DIODE-0.4
14	1N4148	3	D101, D102, D103	DIODE-0.3
	LINEAR			
15	TL074 Quad JFET Opamp	1	U102	DIP-14
16	78L05 +5V 100mA Fixed Voltage Regulator	1	U301	TO-92
17	DG409 - 4ch Analog Multiplexer	2	U104, U105	DIP-16
18	TL071 JFET Opamp	1	U101	DIP-8
19	CA3140 Opamp	4	U201, U202, U203, U204	DIP-8
	INDUCTOR			
20	Ferrite Bead - 0.45uH 7A	2	L301, L302	-
	LOGIC			
21	CD4024 - 7-stage Binary Counter	1	U103	DIP-14

[illegible]