

CGS334 - Analog Shift Register Component Kit

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 Ceramic	14	C303, C304, C305, C306, C307, C308, C309, C310, C311, C312, C313, C315, C316, C317	RAD-0.2N
4	100nF Polypropylene	4	C201, C202, C203, C204	RAD-0.2X
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	16-pin IC Socket 0.3inch	2	U104, U105	DIP-16
8	3-way 0.1inch Crimp Housing	1	J301	2.54MM
9	CRIMP - KK254	3	J301^3	-
10	8-pin IC Socket 0.3inch	9	U101, U102, U201, U202, U203, U204, U205, U206, U207	DIP-8
11	14-pin IC Socket 0.3inch	1	U103	DIP-14
12	3-way 0.1inch Straight Header	1	J301	2.54MM
	DIODE			
13	1N4004 200V 1A	1	D301	DIODE-0.4
14	1N4148	1	D101	DIODE-0.3
	LINEAR			
15	LF356 - BI-FET Low-offset Opamp	4	U201, U202, U203, U204	DIP-8
16	TL071 JFET Opamp	1	U101	DIP-8
17	TL072 Dual JFET Opamp	4	U102, U205, U206, U207	DIP-8
18	78L05 +5V 100mA Fixed Voltage Regulator	1	U301	TO-92
19	DG409 - 4ch Analog Multiplexer	2	U104, U105	DIP-16
	INDUCTOR			
20	Ferrite Bead - 0.45uH 7A	2	L301, L302	AXIAL-0.3

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	LOGIC			
21	CD4024 - 7-stage Binary Counter	1	U103	DIP-14
	RESISTOR			
22	330R 1% 0.5W Metal Film	3	R202, R204, R206	AXIAL-0.4
23	10K 1% 0.5W Metal Film	10	R102, R201, R203, R205, R207, R208, R209, R213, R214, R215	AXIAL-0.4
24	11K 1% 0.5W Metal Film	3	R210, R211, R212	AXIAL-0.4
25	15K 1% 0.5W Metal Film	1	R105	AXIAL-0.4
26	47K 1% 0.5W Metal Film	2	R109, R111	AXIAL-0.4
27	75K 1% 0.5W Metal Film	2	R104, R113	AXIAL-0.4
28	100K 1% 0.5W Metal Film	5	R101, R103, R108, R110, R112	AXIAL-0.4
29	150K 1% 0.5W Metal Film	1	R107	AXIAL-0.4
30	4M7 1% 0.5W Metal Film	1	R106	AXIAL-0.4
	TRIMPOT			
31	5K 25TV Cermet	3	P205, P206, P207	T93YA
32	20K 25TV Cermet	4	P201, P202, P203, P204	T93YA
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