

**CGS355 - Analog Switch Matrix Component Kit**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	47pF 5% Ceramic	12	C101, C102, C103, C104, C201, C202, C301, C302, C401, C402, C501, C502	RAD-0.2N
2	100nF Ceramic	15	C603, C604, C605, C606, C607, C608, C609, C610, C611, C612, C613, C614, C615, C616, C617	RAD-0.2N
3	10uF 35V Electrolytic	2	C601, C602	RB-D5.0-P2.0
	<b>CONNECTOR</b>			
4	CRIMP - KK254	3	J601^3	-
5	14-pin IC Socket 0.3inch	2	U202, U203	DIP-14
6	8-pin IC Socket 0.3inch	6	U101, U102, U201, U301, U401, U501	DIP-8
7	3-way 0.1inch Crimp Housing	1	J601	2.54MM
8	3-way 0.1inch Straight Header	1	J601	2.54MM
	<b>DIODE</b>			
9	1N4148	13	D201, D202, D203, D301, D302, D303, D401, D402, D403, D501, D502, D503, D601	DIODE-0.3
	<b>LINEAR</b>			
10	TL074 Quad JFET Opamp	1	U203	DIP-14
11	TL072 Dual JFET Opamp	6	U101, U102, U201, U301, U401, U501	DIP-8
	<b>INDUCTOR</b>			
12	Ferrite Bead - 0.45uH 7A	2	L601, L602	AXIAL-0.3
	<b>LOGIC</b>			
13	CD4066 - Quad Analogue switch	1	U202	DIP-14
	<b>RESISTOR</b>			
14	330R 1% 0.5W Metal Film	5	R113, R206, R306, R406, R506	AXIAL-0.4
15	10K 1% 0.5W Metal Film	4	R207, R307, R407, R507	AXIAL-0.4
16	11K 1% 0.5W Metal Film	1	R602	AXIAL-0.4
17	56K 1% 0.5W Metal Film	1	R601	AXIAL-0.4

