

CGS313 - Gated Comparator Component Kit

Item	Description	Qty	Designator	Package
CAPACITOR				
1	1nF 5% Ceramic,	1	C201	RAD-0.2N
2	1nF 63V Polyester	1	C101	RAD-0.2
3	100nF Ceramic	3	C503, C504, C505	RAD-0.2N
4	100nF 10% Ceramic	5	C506, C507, C508, C509, C510	RAD-0.1
5	10uF 35V Electrolytic	2	C501, C502	RB-D5.0-P2.0
CONNECTOR				
6	Jumper Shunt	8	JP301^8 NB: See Build Guide	2.54MM
7	2x8 Open Pin Header	1	JP301 NB: See Build Guide	2.54MM
8	16-pin IC Socket 0.3inch	1	U202	DIP-16
9	8-pin IC Socket 0.3inch	3	U101, U201, U301	DIP-8
10	KK396 - 4-way Straight - Locking Header	1	J501	-
11	CRIMP - KK396	4	J501^4	-
12	KK396 - 4-way Crimp Housing	1	J501	3.96MM
DIODE				
13	1N4148	2	D201, D202	DIODE-0.3
LINEAR				
14	TL072 Dual JFET Opamp	2	U201, U301	DIP-8
15	LM393 - Dual Comparator	1	U101	DIP-8
INDUCTOR				
16	Ferrite Bead - 5A	2	L501, L502	AXIAL-0.3
LOGIC				
17	CD4015 - Dual 4-bit Static Shift-register	1	U202	DIP-16
RESISTOR				
18	1K0 1% 0.5W Metal Film	12	R104, R321, R322, R402, R405, R408, R411, R414, R417, R420, R423, R426	AXIAL-0.4
19	1K5 1% 0.5W Metal Film	9	R403, R406, R409, R412, R415, R418, R421, R424, R427	AXIAL-0.4

