

**CGS340 - Modulo Magic Component Kit**

Item	Description	Qty	Designator	Package
<b>CAPACITOR</b>				
1	47pF 5% Ceramic	6	C101, C102, C103, C104, C105, C201	RAD-0.2N
2	100nF Ceramic	8	C404, C405, C406, C407, C408, C409, C410, C411	RAD-0.2N
3	10uF 35V Electrolytic	3	C401, C402, C403	RB-D5.0-P2.0
<b>CONNECTOR</b>				
4	8-pin IC Socket 0.3inch	7	U101, U102, U103, U202, U203, U302, U303	DIP-8
5	14-pin IC Socket 0.3inch	2	U201, U301	DIP-14
6	3-way 0.1inch Straight Header	1	J401	2.54MM
7	3-way 0.1inch Crimp Housing	1	J401	2.54MM
8	CRIMP - KK254	3	J401^3	-
<b>DIODE</b>				
9	1N4148	11	D101, D211, D221, D231, D241, D301, D311, D321, D331, D401, D402	DIODE-0.3
<b>LINEAR</b>				
10	LM393 - Dual Comparator	4	U202, U203, U302, U303	DIP-8
11	TL072 Dual JFET Opamp	3	U101, U102, U103	DIP-8
<b>INDUCTOR</b>				
12	Ferrite Bead - 5A	2	L401, L402	AXIAL-0.3
<b>LOGIC</b>				
13	CD4066 - Quad Analogue switch	2	U201, U301	DIP-14
<b>RESISTOR</b>				
14	330R 1% 0.5W Metal Film	2	R106, R114	AXIAL-0.4
15	2K2 1% 0.5W Metal Film	2	R401, R402	AXIAL-0.4
16	10K 1% 0.5W Metal Film	16	R214, R216, R224, R226, R234, R236, R244, R246, R304, R306, R314, R316, R324, R326, R334, R336	AXIAL-0.4
17	100K 1% 0.5W Metal Film	38	R101, R103, R104, R105, R107, R108, R110, R111, R113, R115, R116, R117, R118, R201, R211, R212, R213, R221, R222, R223, R231, R232, R233, R241, R242, R243, R301, R302, R303, R311, R312, R313, R321, R322, R323, R331,	AXIAL-0.4

