

CGS378 - Utility Envelope Generator Component Kit

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	47pF 5% Ceramic	2	C104, C204	RAD-0.2N
2	10nF 5% Ceramic, Medium K	4	C101, C102, C201, C202	RAD-0.2N
3	100nF Ceramic	4	C603, C604, C605, C606	RAD-0.2N
4	2.2uF 35V Tantalum	2	C103, C203	RB-D5.0-P5.0
5	10uF 35V Electrolytic	2	C601, C602	RB-D5.0-P2.0
	CONNECTOR			
6	14-pin IC Socket 0.3inch	2	U101, U201	DIP-14
7	3-way 0.1inch Straight Header	1	J601	2.54MM
8	CRIMP - KK254	3	J601^3	-
9	3-way 0.1inch Crimp Housing	1	J601	2.54MM
	DIODE			
10	1N4148	12	D101, D102, D103, D104, D105, D107, D201, D202, D203, D204, D205, D207	DIODE-0.3
	LINEAR			
11	TL074 Quad JFET Opamp	2	U101, U201	DIP-14
	INDUCTOR			
12	Ferrite Bead - 0.45uH 7A	2	L601, L602	AXIAL-0.3
	RESISTOR			
13	330R 1% 0.5W Metal Film	2	R133, R233	AXIAL-0.4
14	1K0 1% 0.5W Metal Film	4	R127, R135, R227, R235	AXIAL-0.4
15	1K4 1% 0.5W Metal Film	2	R126, R226	AXIAL-0.4
16	2K2 1% 0.5W Metal Film	2	R125, R225	AXIAL-0.4
17	4K7 1% 0.5W Metal Film	2	R230, T130	AXIAL-0.4
18	10K 1% 0.5W Metal Film	42	R101, R103, R107, R109, R110, R111, R112, R113, R115, R117, R118, R119, R120, R121, R122, R123, R124, R128, R129, R132, R137, R201, R203, R207, R209, R210, R211, R212, R213, R215, R217, R218, R219, R220, R221, R222, R223, R224, R228, R229, R232, R237	AXIAL-0.4
19	12K 1% 0.5W Metal Film	2	R108, R208	AXIAL-0.4

