

Bill of Materials for ED108 - ChaQuo Full Kit Revision - (Chaos Generator)

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	1000pF 5% Ceramic, Medium K	2 (4)	C101, C102	RAD-0.2N
2	100nF Decoupling Capacitor	2 (12)	C903, C904	RAD-0.2N
3	10uF 63V Electrolytic	2 (4)	C901, C902	RB-.1/.2
	CONNECTOR			
4	IDC - 16-way Box Header	1 (2)	J901	2.54mm
5	IDC - 16-way RA Box Header	1 (5)	J102	2.54mm
6	14-pin IC Socket 0.3"	1 (1)	U101	DIP-14-0.3
	DIODE			
7	ZENER - 4.3V 5% 500mW	2 (4)	D101, D102	DIODE-0.3
	HARDWARE			
8	KNOB - Panther - Yellow	4 (7)	P101, P102, P103, P104	
	LINEAR			
9	TL074 Quad JFET Opamp	1 (1)	U101	DIP-8 0.3"
	INDUCTOR			
10	Single bead inductor	2 (4)	L901, L902	AXIAL-0.4

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Item	Description	Qty	Designator	Package
	POTENTIOMETER			
11	100KB LIN (16mm Alpha, 18T Spline)	3 (4)	P103, P104, P105	
12	100KB LIN Dual-gang (16mm Alpha, 18T	1 (2)	P101	
	RESISTOR			
13	470R 1% 0.5W Metal Film	3 (3)	R101, R109, R113	AXIAL-0.4
14	1K 1% 0.5W Metal Film	3 (7)	R102, R108, R118	AXIAL-0.4
15	2K2 1% 0.5W Metal Film	1 (3)	R111	AXIAL-0.4
16	27K 1% 0.5W Metal Film	1 (1)	R110	AXIAL-0.4
17	100K 1% 0.5W Metal Film	6 (6)	R104, R105, R106, R107, R115, R117	AXIAL-0.4
18	330K 1% 0.5W Metal Film	1 (1)	R116	AXIAL-0.4
19	390K 1% 0.5W Metal Film	1 (1)	R112	AXIAL-0.4
20	3M3 1% 0.5W Metal Film	2 (2)	R103, R114	AXIAL-0.4
	KITS			
21	Panther 07cm IDC Cable	1 (1)	J102	
22	Panther 14cm IDC Cable	1 (1)	J901	
	End of document			

Bill of Materials for ED108 - ChaQuo Full Kit Revision - (Quadrature Oscillator)

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	CAPACITOR			
1	1000pF 5% Ceramic, Medium K	2 (4)	C101, C102	RAD-0.2N
2	100nF Decoupling Capacitor	10	C201, C202, C203, C204, C205, C206, C207, C208, C209, C210	RAD-0.2N
3	10uF 63V Electrolytic	2 (4)	C901, C902	RB-.1/.2
	CONNECTOR			
4	IDC - 16-way Box Header	1 (2)	J901	2.54mm
5	IDC - 16-way RA Box Header	2 (5)	J101, J902	2.54mm
6	3.5mm Mono PCB Socket - Cliff	1 (8)	J101	
7	HDR - 1x4 Pin Extended	1 (4)	J102	2.54mm
8	8-pin IC Socket 0.3"	5 (5)	U101, U102, U103, U104, U105	DIP-8-0.3
	DIODE			
9	ZENER - 4.3V 5% 500mW	2 (4)	D101, D102	DIODE-0.3
	HARDWARE			
10	FIXING - 9mm Earth Tag	1 (1)	PANEL_GND	
11	KNOB - Panther - Yellow	2 (7)	P101, P102	
	LINEAR			
12	OPA134	5 (5)	U101, U102, U103, U104, U105	DIP-8 0.3"

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Item	Description	Qty	Designator	Package
	INDUCTOR			
13	Single bead inductor	2 (4)	L901, L902	AXIAL-0.4
	POTENTIOMETER			
14	10KA LOG Dual-gang (16mm Alpha, 18T	1 (1)	P101	
15	100KB LIN Dual-gang (16mm Alpha, 18T	1 (2)	P102	
	RESISTOR			
16	100R 1% 0.5W Metal Film	2 (2)	R101, R108	AXIAL-0.4
17	1K 1% 0.5W Metal Film	4 (7)	R115, R116, R119, R120	AXIAL-0.4
18	2K2 1% 0.5W Metal Film	2 (3)	R110, R112	AXIAL-0.4
19	33K 1% 0.5W Metal Film	1 (1)	R111	AXIAL-0.4
20	47K 1% 0.5W Metal Film	2 (2)	R103, R106	AXIAL-0.4
21	68K 1% 0.5W Metal Film	6 (6)	R104, R109, R113, R114, R117, R118	AXIAL-0.4
22	2M2 1% 0.5W Metal Film	1 (1)	R105	AXIAL-0.4
23	5M6 1% 0.5W Metal Film	2 (2)	R102, R107	AXIAL-0.4
	SWITCH			
24	TOGGLE - DPDT PCB, RA (ON-ON)	1 (1)	S101	

