

Main [IF117 - Wavolver II Component Kit]

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	33pF 5% Ceramic	1	C101	RAD-0.2N
2	47pF 5% Ceramic	1	C102	RAD-0.2N
3	100nF Ceramic	14	C303, C304, C305, C306, C307, C308, C309, C310, C311, C312, C313, C314, C315, C316	RAD-0.2N
4	10uF 35V Electrolytic	2	C301, C302	RB-D5.0-P2.0
	CONNECTOR			
5	IDC16 Receptacle	3	J101, J102, J103	-
6	8-pin IC Socket 0.3inch	7	U101, U102, U103, U104, U201, U202, U203	DIP-8
7	IDC16 Box Header	1	J301	2.54MM
	DIODE			
8	4.7V 5% 500mW	2	D101, D102	DIODE-0.3
9	1N4148	9	D103, D104, D201, D202, D203, D204, D205, D206, D207	DIODE-0.3
	LINEAR			
10	TL072 Dual JFET Opamp	7	U101, U102, U103, U104, U201, U202, U203	DIP-8
	INDUCTOR			
11	Ferrite Bead - 0.45uH 7A	2	L301, L302	AXIAL-0.3
	RESISTOR			
12	100R 1% 0.5W Metal Film	1	R105	AXIAL-0.4
13	1K0 1% 0.5W Metal Film	3	R116, R118, R230	AXIAL-0.4
14	4K7 1% 0.5W Metal Film	8	R207, R209, R212, R214, R217, R219, R222, R224	AXIAL-0.4
15	15K 1% 0.5W Metal Film	1	R227	AXIAL-0.4
16	22K 1% 0.5W Metal Film	2	R228, R229	AXIAL-0.4
17	47K 1% 0.5W Metal Film	1	R114	AXIAL-0.4
18	100K 1% 0.5W Metal Film	28	R101, R104, R106, R107, R108, R109, R110, R111, R112, R113, R115, R202, R203, R204, R205, R208, R210, R211, R213, R215, R216, R218, R220, R221, R223, R225, R226, R231	AXIAL-0.4
19	220K 1% 0.5W Metal Film	1	R201	AXIAL-0.4

Column 3 [IF117 - Wavolver Hardware Kit]

Item	Description	Qty	Designator	Package
CONNECTOR				
1	3.5mm Mono PCB Socket - White	2	J103, J201	-
HARDWARE				
2	KNOB - Panther Hi-contrast Blue	2	P101, P102	18T SPLINE

