Etherwave Gate & CV Extension
Riven Hexagon Electronics

Reference(s)	Value	LibPart
C1, C10, C11	10nF	Device:C
C4	220nF	Device:C
C5, C6, C7, C16, C17, C18, C19, C20, C21, C22	100nF	Device:C
C8, C9	1nF	Device:C
C12, C13	100nF	Device:C
C14	330pF	Device:C
C15	100pF 50V	Device:C
D1, D2	1N4148	Diode:1N4148
D3, D4, D5	BAT54S	Diode:BAT54S
H1, H2, H3, H4	MountingHole	Mechanical:MountingHole
J1	Etherwave Brd	Connector_Generic:Conn_01x10
J2	Volume CV	Connector_Generic:Conn_01x03
J3	Pitch CV	Connector_Generic:Conn_01x03
J4	Gate	Connector_Generic:Conn_01x03
Q1, Q3	PMP4501Y	Etherwave:PMP4501Y
Q2	PMBT3906	Transistor_BJT:MMBT3906
R1	1M1	Device:R
R2, R20, R21	1M	Device:R
R3	1k	Device:R
R4, R12, R13, R14, R15, R24	10k	Device:R
R5, R7, R30, R32	47k	Device:R
R6, R8, R9, R10, R11	22k	Device:R
R16, R17, R18	10M	Device:R
R19, R33	470k	Device:R
R22	100k	Device:R
R23	2k2	Device:R
R25, R26	680k	Device:R
R27, R34, R40	330R	Device:R
R28	220k	Device:R
R29	1k PTC	Device:R
R31	1M24	Device:R
RV1, RV2	50k	Device:R_Potentiometer
U1	LM13700	Amplifier_Operational:LM13700
U2, U3	CD4093	4xxx:HEF4093B
U4	CD4022	4xxx:4022
U5, U7	TL072	Amplifier_Operational:TL072
U6	CD4016	4xxx:4016