

Radius Rad-09 Matrix Mixer Parts List

Small Main Component PCB

Reference	Qty	Value	Description
C1, C2, C3, C4, C5, C6, C7, C8	8	5.6pf	Unpolarized capacitor
C9, C10	2	10uF 25v	Polarized capacitor
FB1, FB2	2	Bead	Ferrite bead, small symbol
J1	1	Conn_01x06	Generic connector, single row, 01x06 Socket
J2	1	Conn_01x08	Generic connector, single row, 01x08, Socket
J3	1	Conn_01x04	MTA-156 Header
J4	1	Conn_01x04	Generic connector, single row, 01x04, Socket
R1, R2, R3, R5, R6, R7, R9, R10, R12, R13, R14, R15, R18, R19, R20, R21, R22	17	20K	Resistor
R4, R8, R11, R16, R17	5	270R	Resistor
U1, U2	2	TL074	Quad Low-Noise JFET-Input Operational Amplifiers, DIP-14
U3	1	TL071	Single Low-Noise JFET-Input Operational Amplifiers, DIP-8

Large Jack PCB

Reference	Qty	Value	Description
J1-J4, J7-J10, J12	9	3.5mm Jack	Thonkiconn PJ398SM
J5	1	Conn_01x06	Generic connector, single row, 01x06 Header 2.54mm pitch

J6	1	Conn_01x08	Generic connector, single row, 01x08 Header 2.54mm pitch
J11	1	Conn_01x04	Generic connector, single row, 01x04 Header 2.54mm pitch
R1, R2, R3, R4	4	1M	Resistor
R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20	16	20K	Resistor
RV1, RV2, RV3, RV4, RV5, RV6, RV7, RV8, RV9, RV10, RV11, RV12, RV13, RV14, RV15, RV16	16	10KB	Alpha 9mm Vertical Potentiometer
SW1, SW2, SW3, SW4	4	Bipolar	Switch, single pole double throw
U1	1	TL074	Quad Low-Noise JFET-Input Operational Amplifiers, DIP-14
11mm spacer	4		And suitable screws
Davies 1900h knobs	16		Or other similar sized knobs