

Radius RAD-08 Dual AR BOM

Parts List

Main Component PCB

Reference	Qty	Value	Description
C1, C5	2	100n	Unpolarized capacitor
C2, C6	2	10n	Unpolarized capacitor
C3, C7	2	22n	Unpolarized capacitor
C4, C8	2	33n	Unpolarized capacitor
C9	1	10uf 25v	Electrolytic capacitor
C10	1	10uF 25v	Electrolytic capacitor
FB1, FB2	2	Bead	Ferrite Bead
J1, J2	2	Conn_01x10	Generic connector, single row, 01x10 Socket
J3	1	MTA-156	MTA-156 connector, single row, 01x04
Q1, Q2	2	2N3904	0.2A Ic, 40V Vce, Small Signal NPN Transistor, TO-92
R1, R7, R18, R21	4	100K	Resistor
R2, R19	2	62K	Resistor
R3, R6, R13, R15, R20, R24, R32, R34, R35, R36	10	10K	Resistor
R4, R8, R22, R26	4	470R	Resistor
R5, R23	2	150K	Resistor
R9, R25	2	4K7	Resistor
R10, R28	2	750R	Resistor
R11, R30	2	1K	Resistor
R14, R33	2	36K	Resistor
R37	1	20k	Resistor
R38	1	10k	Resistor
U1, U3	2	TL072	Dual Low-Noise JFET-Input Operational Amplifier, DIP-8
U2, U4	2	AS3310	ADSR Voltage Controlled Envelope Generator, DIP-16

Jack PCB

Reference	Qty	Value	Description
D1, D2	2	3mm Red LED	Light emitting diode - 1500-3200mcd
J1 - J6	6	3.5mm Jack	Thonkiconn PJ398SM
J9, J10	2	Conn_01x10	Generic connector, single row, 01x10 header
RV1, RV2, RV3, RV4	4	100KB	Alpha 9mm Vertical Pot
11mm stand off	1		
M3 screws	2		
Clear LED lens	2		To fit a 4.35mm panel hole