

## RAD-06 BOM

### Main Component PCB

Reference	Qty	Value	Description
C1, C3, C6, C7	4	470p	Unpolarized capacitor
C2, C5	2	100n	Unpolarized capacitor
C4	1	4.7n	Unpolarized capacitor
C8, C9	2	10uF 25v	Electrolytic Capacitor
D1, D2, D3, D4	4	BZX55C2V7	Zener diode
FB1, FB2	2		Ferrite Bead
J1, J2	2	Conn_01x08	Generic connector, single row, 01x08 Socket
J3	1	PWR	MTA-156 Header
R1, R3, R4, R5, R6, R9, R17, R24, R26, R27, R28, R29	12	47k	Resistor
R2, R8, R16, R23	4	1k	Resistor
R7, R11, R18, R25	4	100k	Resistor
R10	1	100R	Resistor
R12, R13, R19, R20	4	22K	Resistor
R14, R15, R21, R22	4	5.6K	Resistor
U1, U3	2	NE5532	Dual Low-Noise Operational Amplifiers, DIP-8
U2	1	AS3364D	Quad VCA SOIC-16 (SMD Version!)
U4	1	79L05	3-Terminal Negative Regulator, -5V, TO-92
U5	1	TL072	Dual Low-Noise JFET-Input Operational Amplifiers, DIP-8

## Jack PCB

J3, J6	2	Conn_01x08	Generic connector, single row, 01x08 Header
J1, J2, J4-J14	12	3.5mm Jack	Thonkiconn PJ398SM