

General Notes:

- The PCB contains two identical circuits separated by a vertical white line. Each value in the "Reference" column appears twice (2x) on the PCB. The "Total" column reflects this.

Resistors (1/4 watt, +/- 5%)

Value	Reference	Total	Description	Mouser # (or option)
47R	R12	2		660-MF1/4LCT52R470J
150R	R17	2		660-MF1/4LCT52R151J
220R	R16	2		660-MF1/4LCT52R221J
680R	R7	2		71-CCF07680RJKE36
1K	R13, R22, R26, R33	8		660-MF1/4LCT52R102J
1K5	R18, R19	4		660-MF1/4LCT52R152J
2K2	R11, R23, R28	6		660-MF1/4LCT52R222J
4K7	R14	2		660-MF1/4LCT52R472J
6K8	R34	2		660-MF1/4LCT52R682J
10K	R9, R15, R21, R25, R27, R29	12		660-MF1/4LCT52R103J
15K	R20	2		71-CCF0715K0JKE36
47K	R2, R24	4		660-MF1/4LCT52R473J
68K	R8, R31	4		279-RR02J68KTB
100K	R1	2		660-MF1/4LCT52R104J
150K	R3, R10	4		594-SFR16S0001503JA5
680K	R6	2		71-CCF07680KJKE36
1M	R30	2		603-CFR-25JR-521M
2M2	R4, R5	4		660-MF1/4LCT52R225J
A250K	R32	2	potentiometer	https://www.taydaelectronics.com/250k-ohm-logarithmic-taper-potentiometer-round-shaft-pc-mount-41.html

Capacitors

Value	Reference	Total	Description	Mouser # (or option)
100pf	C4	2		75-1C20C0G101J050B
1nf	C9	2		581-SR211A102JAATR1
1uf	C10	2	tantalum	581-TAP105K025CRS
1uf	C1, C2	4	AUDIO ELEC.	555-RFS50V010MF3#5
10uf	C3, C7, C8	6	Audio ELEC.	647-UFG2A100MPM
100uf	C5, C6	4	AUDIO ELEC.	647-UFW1V101MED

Diodes

Value	Reference	Total	Description	Mouser # (or option)
1N457	D1	2	<i>1n4148 also work</i>	512-1N457

Transistors

References in parentheses [()] are matched pairs.

Value	Reference	Total	Description	Mouser # (or option)
2N3904	Q1, Q2, Q3, (Q5, Q6)	10		610-2N3904
2N3906	Q4, Q7, Q8	6		610-2N3906
J175	Q9	2		512-J175D26Z

Miscellaneous

	Total	Description	Mouser # (or option)
Switchcraft Tini Jax	6	Audio inputs, Audio outputs	502-41
Standoffs	4	14mm, M3	855-R30-3011402
Small Davies knobs	2		5164-1610AA (or Thonk)
EDAC power connector	1	<i>optional</i>	587-306-50-010

Mouser Cart

**NB: potentiometers, screws, EDAC power connector are not included in the Mouser Cart.*

**Some items may be backordered.*

<https://www.mouser.com/ProjectManager/ProjectDetail.aspx?AccessID=ffe772f88d>