

**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)
10R	R9	2		660-MF1/4LCT52R100J
220R	R6, R29	4		660-MF1/4LCT52R221J
1K	R3	2		660-MF1/4LCT52R102J
1K5	R8	2		660-MF1/4LCT52R152J
2K2	R19, R26	4		660-MF1/4LCT52R222J
3K3	R11, R14, R15	6		660-MF1/4LCT52R332J
4K7	R22, R24, R28	6		660-MF1/4LCT52R472J
10K	R1, R7, R10	6		660-MF1/4LCT52R103J
15K	R21	2		71-CCF0715K0JKE36
22K	R5, R16, R17, R18, R27	10		660-MF1/4LCT52R223J
47K	R4, R20	4		660-MF1/4LCT52R473J
100K	R2	2		660-MF1/4LCT52R104J
330K	R13, R25	4		279-RR01J150KTB
470K	R12	2		71-CCF07470KJKE36
1K	R23	2	3296 trimmer	652-3296W-1-102LF
A50K	R30	2	potentiometer	<a href="https://www.taydaelectronics.com/b10k-ohm-linear-taper-potentiometer-round-shaft-pc-mount-1.html">https://www.taydaelectronics.com/b10k-ohm-linear-taper-potentiometer-round-shaft-pc-mount-1.html</a>
A250K	R31	2	potentiometer	<a href="https://www.taydaelectronics.com/250k-ohm-logarithmic-taper-potentiometer-round-shaft-pc-mount-41.html">https://www.taydaelectronics.com/250k-ohm-logarithmic-taper-potentiometer-round-shaft-pc-mount-41.html</a>

## Capacitors

Value	Reference	Total	Description	Mouser # (or option)
1uf	C1, C2, C3, C5, C6, C7	12	electrolytic	555-RFS50V010MF3#5
4.7uf	C8	2	electrolytic	667-ECA-1HM4R7I
100uf	C4	2	electrolytic	80-ESC107M035AE3AA

## Diodes

Value	Reference	Total	Description	Mouser # (or option)
1N457	D1, D2	4		512-1N457

## Transistors

References in parentheses [()] are matched pairs.

Value	Reference	Total	Description	Mouser # (or option)
2N3904	Q1, Q2, Q3, Q4, (Q5, Q6), Q8	14		610-2N3904
2N3906	Q7, Q9	4		610-2N3906

## Miscellaneous

	Total	Description	Mouser # (or option)
Banana jacks (black)	4	Outputs	530-108-0903-1
Switchcraft Tini Jax	2	Audio inputs, Audio outputs	502-41
Standoffs	4	14mm, M3	855-R30-3011402
Small Davies knobs	4		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=6b592ff03d>

