

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	R30	2		660-MF1/4LCT52R100J
150R	R13, R14	4		660-MF1/4LCT52R151J
220R	R19	2		660-MF1/4LCT52R221J
330R	R9, R17	4		660-MF1/4LCT52R331J
470R	R16	2		660-MF1/4LCT52R471J
680R	R22, R23	4		660-MF1/4LCT52R681J
1K	R26	2		660-MF1/4LCT52R102J
1K5	R1, R25	4		660-MF1/4LCT52R152J
2K2	R2, R18, R20, R27, R28	10		660-MF1/4LCT52R222J
4K7	R21	2		660-MF1/4LCT52R472J
6K8	R6, R10, R12, R24	8		660-MF1/4LCT52R682J
10K	R29	2		660-MF1/4LCT52R103J
33K	R3	2		71-CCF0733K0JKE36
68K	R7, R8	4		279-RR02J68KTB
330K	R5	2		71-CCF07330KJKE36
1K	R11, R15	4	3296 trimmer	652-3296W-1-102LF
A50K	R4	2	potentiometer	https://www.taydaelectronics.com/ddup-50k-ohm-logarithmic-taper-potentiometer-round-shaft-pc-mount.html

Capacitors

Value	Reference	Total	Description	Mouser # (or option)
10nf	C2	2	LS: 5mm film	505-MKS2C021001A00MI
1uf	C1	2	LS: 2.5mm audio grade electro.	555-RFS50V010MF3#5
100uf	C3	2	LS: 2.5mm audio grade electro.	647-UKT1V101MED
100uf	C4	2	LS: 2.5mm electro.	710-860020573008

Transistors

References in parentheses [()] are matched pairs.

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

Miscellaneous

	Total	Description	Mouser # (or option)
Banana jacks (black)	2	Ext. CV inputs	530-108-0903-1
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=c3cfec03b>