

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)
33R	R7	2		71-CCF0733R0JKE36
100R	R14	2		660-MF1/4LCT52R101J
330R	R3, R26	4		660-MF1/4LCT52R331J
220R	R28	2		660-MF1/4LCT52R221J
470R	R6	2		660-MF1/4LCT52R471J
680R	R11, R16	4		71-CCF07680RJKE36
1K	R23	2		660-MF1/4LCT52R102J
1K5	R25	2		660-MF1/4LCT52R152J
4K7	R2, R15	4		660-MF1/4LCT52R472J
6K8	R4, R13	4		660-MF1/4LCT52R682J
10K	R27	2		660-MF1/4LCT52R103J
15K	R5, R17, R18, R22	8		71-CCF0715K0JKE36
22K	R21	2		660-MF1/4LCT52R223J
33K	R1, R24	4		71-CCF0733K0JKE36
47K	R8, R19	4		660-MF1/4LCT52R473J
150K	R9, R10	4		594-SFR16S0001503JA5
220K	R12	2		279-RR01J220KTB
B10K	R20	2	potentiometer	https://www.taydaelectronics.com/b10k-ohm-linear-taper-potentiometer-round-shaft-pc-mount-l.html

Capacitors

Value	Reference	Total	Description	Mouser # (or option)
100pf	C7, C15	4	film, 5mm LS	594-2222-375-10911
2.2nf	C9	2	film/C0G, 5mm LS	1C20C0G222J050B
100nf	C2, C8, C10	6	film, 5mm LS	505-MKS2C031001A00MC
1uf	C3, C13	4	tantalum	581-TAP105K025CRS
1uf	C1, C11, C12	6	Audio electrolytic, LS: 2.5mm	555-RFS50V010MF3#5
4.7uf	C6	2	tantalum, LS: 2.5mm	199D475X9010A1V1E3
10uf	C5, C14	4	audio grade, LS: 2.5mm	647-UFG1K100MEM
15uf	C18	1	tantalum	581-TAP156K016SCS
100uf	C4, C16	4	electrolytic 5mm LS	594-MAL203836101E3
100uf	C17	2	audio grade electro., LS: 5mm	647-UKW1J101MPD

Transistors

Value	Reference	Total	Description	Mouser # (or option)
PN3565	Q1, Q3, Q4, Q5, Q6	10		610-PN3565
2N3053	Q2	2		610-2N3053

Miscellaneous

	Total	Description	Mouser # (or option)
Switchcraft Tini Jax	6	Audio inputs, Audio outputs	502-41
Heatsinks (2N3053)	2	TO-39 (TO-5) transistor heatsink	532-325705B00
Standoffs	4	14mm, M3	855-R30-3011402
Small Davies knobs	2		5164-1610AA (or Thonk)
Transformers	2	Sowter 1427a	http://www.sowter.co.uk/acatalog/E_A_Sowter_Ltd_VARIOUS_7.html
Spring tanks	2	Accutronics 4AB3C1A	http://www.banzaimusic.com/accutronics-4ab3c1a.html
RCA connectors	4	spring tank connector	
EDAC power connector	1	optional	587-306-50-010

Connections to and from the spring tanks must use shielded cable

Lead times on the transformers may be up to 1 month

Mouser Cart

**NB: potentiometers, screws, transformers, spring tanks, RCA connectors, shielded cable, EDAC power connector are not included in the Mouser Cart.*

**Some items may be backordered.*

<https://www.mouser.com/ProjectManager/ProjectDetail.aspx?AccessID=56247decac>