

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)
2R2	R39	2	1/2 watt	660-CF1/2CT52R2R2J
150R	R2, R18	4		660-MF1/4LCT52R151J
220R	R17, R26	4		660-MF1/4LCT52R221J
330R	R3	2		660-MF1/4LCT52R331J
1K	R24	2		660-MF1/4LCT52R102J
1K5	R9, R11	4		660-MF1/4LCT52R152J
3K3	R4, R16, R25	6		660-MF1/4LCT52R332J
6K8	R1, R6, R7, R14, R19, R27	12		660-MF1/4LCT52R682J
10K	R40	2		660-MF1/4LCT52R103J
15K	R34	2		71-CCF0715K0JKE36
33K	R31, R33	4		71-CCF0733K0JKE36
47K	R23	2		660-MF1/4LCT52R473J
68K	R21	2		279-RR02J68KTB
100K	R*27, R*28, R*35, R37	8	1 %	603-MFR-25FBF52-100K
150K	R8, R10, R22	6		594-SFR16S0001503JA5
220K	R12, R30, R38	6		279-RR01J220KTB
330K	R32	2		71-CCF07330KJKE36
1M	R29, R36	4		594-VR25000001004JR5
1K	R5, R15	4	3296 trimmer	652-3296W-1-102LF
B10K	R13, R20	4	potentiometer	https://www.taydaelectronics.com/b10k-ohm-linear-taper-potentiometer-round-shaft-pc-mount-l.html

Capacitors

Value	Reference	Total	Description	Mouser # (or option)
2.2nf	C2	2	LS: 5mm	75-1C20C0G222J050B
1uf	C1	2	tantalum	581-TAP105K025CRS
100uf	C3	1	electrolytic	80-ESC107M035AE3AA

Transistors

References in parentheses [()] are matched pairs.

Value	Reference	Total	Description	Mouser # (or option)
2N3904	Q3, Q4, Q5, Q6, Q9	10		610-2N3904
2N3906	Q1, Q2, Q7, Q8, Q10, (Q11, Q12)	14		610-2N3906

Miscellaneous

	Total	Description	Mouser # (or option)
Banana jacks (black)	10	Ext. CV inputs	530-108-0903-1
SPDT ON-NONE-ON	4	Ext. / Int. CV	633-M201203
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=0ffb4e5b17>