

**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)
1K5	R12, R13	4		660-MF1/4LCT52R152J
4K7	R19	2		660-MF1/4LCT52R472J
6K8	R7	2		660-MF1/4LCT52R682J
10K	R18	2		660-MF1/4LCT52R103J
15K	R8, R20	4		71-CCF0715K0JKE36
33K	R1, R4, R14, R15	8		71-CCF0733K0JKE36
100K	R16	2		660-MF1/4LCT52R104J
150K	R5, R6, R10, R11	8		594-SFR16S0001503JA5
330K	R3	2		71-CCF07330KJKE36
470K	R17	2		71-CCF07470KJKE36
20K	R2, R9	4	3296 trimmer	652-3296W-1-203LF

**Capacitors**

Value	Reference	Total	Description	Mouser # (or option)
10nf	C3	2		581-SR215C103K
15uf	C1	2		667-EEA-GA1H150
100uf	C2	2	audio grade electr.	647-UFW1E101MED1TA

**Op amps**

Value	Reference	Total	Description	Mouser # (or option)
TL071	U1	2	<i>Original op amp was LM307</i>	595-TL071CP

**Transistors**

Value	Reference	Total	Description	Mouser # (or option)
J201	Q1, Q2, Q3	6		106-J201

**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
Rotary switch	2	4 pole, 2 position	611-A40203RNZQ
Standoffs	4	14mm, M3	855-R30-3011402
Large Davies knobs	2		5164-1600BM
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=ecb7939c68>

## Wiring Diagram

The two rotary switches are wired to the PCB as shown in the diagram below.

(View from component side of PCB).

