

**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)  |
|-------|-----------|-------|---------------|---|
| 220R  | R14       | 2     |               | 660-MF1/4LCT52R221J   |
| 370R  | R13       | 2     |               | 660-MF1/4DC3700F  |
| 1K    | R10       | 2     |               | 660-MF1/4LCT52R102J   |
| 3K3   | R7        | 2     |               | 660-MF1/4LCT52R332J   |
| 6K8   | R2, R6    | 4     |               | 660-MF1/4LCT52R682J   |
| 2K2   | R12       | 2     |               | 660-MF1/4LCT52R222J   |
| 10K   | R5, R15   | 4     |               | 660-MF1/4LCT52R103J   |
| 22K   | R11       | 2     |               | 660-MF1/4LCT52R223J   |
| 33K   | R1        | 2     |               | 71-CCF0733K0JKE36   |
| 150K  | R9        | 2     |               | 594-SFR16S0001503JA5  |
| 1M    | R8        | 2     |               | 603-CFR-25JR-521M   |
| 10M   | R3, R4    | 4     |               | 603-CFR-25JT-52-10M   |
| A50K  | R16       | 2     | potentiometer | <a href="https://www.taydaelectronics.com/50k-ohm-logarithmic-taper-potentiometer-round-shaft-pcb-9mm.html">https://www.taydaelectronics.com/50k-ohm-logarithmic-taper-potentiometer-round-shaft-pcb-9mm.html</a> |

**Capacitors**

| Value | Reference | Total | Description | Mouser # (or option) |
|-------|-----------|-------|-------------|----------------------|
| 100nf | C2        | 2     |             | 810-FA16C0G1H10400   |
| 1uf   | C3, C4    | 4     |             | 647-UFG1H010MDM      |
| 100uf | C1, C5    | 4     |             | 647-UKW1E101MED      |

**Transistors**

| Value  | Reference | Total | Description | Mouser # (or option) |
|--------|-----------|-------|-------------|----------------------|
| 2N3904 | Q3        | 2     |             | 610-2N3904           |
| 2N3906 | Q2, Q4    | 4     |             | 610-2N3906           |
| J201   | Q1        | 2     |             | 106-J201             |

**Miscellaneous**

|                      | Total | Description     | Mouser # (or option)   |
|----------------------|-------|-----------------|------------------------|
| Switchcraft Tini Jax | 4     |                 | 502-41                 |
| 6.35mm jack          | 2     |                 | 523-ACJM-MVS-2         |
| Standoffs            | 4     | 14mm, M3        | 761-M2109-3005-AL      |
| 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=0d052705f3>