

General Notes:**Resistors (1/4 watt, +/- 5%)**

| Value | Reference | Total | Desc. | Mouser # (or option) |
|-------|--|-------|--------|----------------------|
| .27R | R263 | 1 | 2 watt | 660-MOX2CT631RR27J |
| 68R | R228 | 1 | | 71-CCF0768R0JKE36 |
| 220R | R243, R252, R254, R255, R258, R259 | 6 | | 660-MF1/4LCT52R221J |
| 470R | R10, R24, R38, R52, R66, R80, R94, R108, R122, R136, R150, R164 | 12 | | 660-MF1/4LCT52R471J |
| 680R | R227, R232, R237 | 3 | | 71-CCF07680RJKE36 |
| 1K | R238 | 1 | | 660-MF1/4LCT52R102J |
| 1K8 | R225, R235 | 2 | | 71-CCF071K80JKE36 |
| 2K2 | R245 | 1 | | 660-MF1/4LCT52R222J |
| 3K3 | R226, R229 | 2 | | 660-MF1/4LCT52R332J |
| 4K7 | R9, R23, R37, R51, R65, R79, R93, R107, R121, R135, R149, R163, R234, R256, R260 | 15 | | 660-MF1/4LCT52R472J |
| 6K8 | R5, R6, R19, R20, R33, R34, R47, R48, R61, R62, R75, R76, R89, R90, R103, R104, R117, R118, R131, R132, R145, R146, R159, R160 | 24 | | 660-MF1/4LCT52R682J |
| 10K | R7, R8, R21, R22, R35, R36, R49, R50, R63, R64, R77, R78, R91, R92, R105, R106, R119, R120, R133, R134, R147, R148, R161, R162, R248, R250, R253, R257 | 28 | | 660-MF1/4LCT52R103J |
| 15K | R3, R17, R31, R45, R59, R73, R87, R101, R115, R129, R143, R157, R233, R236, R266, Rx1 | 16 | | 71-CCF0715K0JKE36 |
| 22K | R12, R26, R40, R54, R68, R82, R96, R110, R124, R138, R152, R166, R239 | 13 | | 660-MF1/4LCT52R223J |
| 33K | R241, R244 | 2 | | 71-CCF0733K0JKE36 |
| 47K | R240, R246, R249 | 3 | | 660-MF1/4LCT52R473J |
| 68K | R11, R25, R39, R53, R67, R81, R95, R109, R123, R137, R151, R165, R251, R261 | 14 | | 279-RR02J68KTB |
| 100K | R4, R18, R32, R46, R60, R74, R88, R102, R116, R130, R144, R158 | 12 | | 660-MF1/4LCT52R104J |
| 150K | R242 | 1 | | 594-SFR16S0001503JA5 |
| 220K | R230 | 1 | | 279-RR01J220KTB |
| 1M | R247 | 1 | | 594-VR25000001004JR5 |

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| 20K | R1, R2, R15, R16,, R29, R30, R43, R44, R57, R58, R71, R72, R85, R86, R99, R100, R113, R114, R127, R128, R141, R142, R155, R156, R169, R170 | 24 | 3362 type trimmer | 652-3362P-1-203LF |
| B10K | R13, R14, R27, R28, R41, R42, R55, R56, R69, R70, R83, R84, R97, R98, R11, R112, R125, R126, R139, R140, R153, R154, R167, R168 | 24 | 9mm vertical | https://www.taydaelectronics.com/10k-ohm-linear-taper-potentiometer-round-shaft-pcb-9mm.html |

Capacitors

| Value | Reference | Total | Description | Mouser # (or option) |
|-------|--|-------|-------------------------|----------------------|
| 47pf | C2, C8, C14, C20, C26, C32, C38, C44, C50, C56, C62, C68 | 12 | LS: 5mm | 75-1C20C0G470J050B |
| 470pf | C4, C10, C16, C22, C28, C34, C40, C46, C52, C58, C64, C70 | 12 | LS: 5mm | 594-K471K15X7RF53H5 |
| 1nf | C5, C11, C17, C23, C29, C35, C41, C47, C53, C59, C65, C71, C99, C100 | 14 | LS: 5mm | 581-SR211A102JAATR1 |
| 2.2nf | C101, C102 | 2 | LS: 5mm | 581-SR151C222K |
| 10nf | C98, C103 | 2 | LS: 5mm | 581-SR215C103K |
| 47nf | C1, C7, C13, C19, C25, C31, C37, C43, C49, C55, C61, C67 | 12 | LS: 5mm | 581-SR215C473K |
| 100nf | C3, C6, C9, C12, C15, C18, C21, C24, C27, C30, C33, C36, C39, C42, C45, C48, C51, C54, C57, C60, C63, C66, C69, C72, C97 | 25 | LS: 5mm | 594-K104K15X7RF53H5 |
| 1uf | C73 | 1 | electrolytic, LS: 2.5mm | 710-860021373002 |
| 100uf | C104 | 1 | electrolytic, LS: 2.5mm | 710-860010573007 |

Diodes

| Value | Reference | Total | Description | Mouser # (or option) |
|-------|-------------|-------|-------------|----------------------|
| 1N457 | D1-D36, D49 | 37 | | 512-1N457 |

Transistors

| Value | Reference | Total | Description | Mouser # (or option) |
|--------|---|-------|-------------|----------------------|
| 2N3904 | Q1, Q3, Q5, Q7, Q9, Q11, Q13, Q15, Q17, Q19, Q21, Q23, Q25, Q27, Q29, Q31, Q33, Q35, Q37, Q39, Q41, Q43, Q45, Q47, Q65, Q66, Q67, Q68, Q69, Q70, Q72, Q73, Q76, Q78 | 34 | | 610-2N3904 |
| 2N3906 | Q2,, Q4, Q6, Q8 Q10, Q12, Q14, Q16, Q18, Q20, Q22, Q24, Q26, Q28, Q30, Q32, Q34, Q36, Q38, Q40, Q42, Q44, Q46, Q48, Q71, Q74, Q75, Q77 | 28 | | 610-2N3906 |

Miscellaneous

| | Total | Description | Mouser # (or option) |
|----------------------|-------|-----------------|------------------------|
| Banana jacks (black) | 6 | Ext. CV inputs | 530-108-0903-1 |
| Banana jacks (red) | 2 | | 530-108-0902-1 |
| Standoffs | 4 | | 855-R30-3011002 |
| Small Davies knobs | 24 | | 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=753fb865bd>