

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

Value	Reference	Total	Description	Mouser # (or option)
100R	R32, R42, R51, R60, R69, R78, R87, R96, R105, R114, R123, R132, R141, R150, R159, R168	16		660-MF1/4LCT52R101J
150R	R15	1		660-MF1/4LCT52R151J
220R	R19, R20, R24, R25, R29, R30	6		660-MF1/4LCT52R221J
470R	R17, R22, R27, R31, R36, R41, R45, R50, R54, R59, R63, R68, R72, R77, R81, R86, R90, R95, R99, R104, R108, R113, R117, R122, R126, R131, R135, R140, R144, R149, R153, R158, R162, R167, R171	35		660-MF1/4LCT52R471J
680R	R9, R14	2		71-CCF07680RJKE36
1K	R10	1		660-MF1/4LCT52R102J
1K5	R13	1		660-MF1/4LCT52R152J
2K2	R37, R46, R55, R64, R73, R82, R91, R100, R109, R118, R127, R136, R145, R154, R163, R172	16		660-MF1/4LCT52R222J
3K3	R7, R12	2		660-MF1/4LCT52R332J
4K7	R18, R23, R28	3		660-MF1/4LCT52R472J
6K8	R8	1		660-MF1/4LCT52R682J
10K	R3, R4, R5, R16, R21, R26	6		660-MF1/4LCT52R103J
15K	R6, R11	2		71-CCF0715K0JKE36
22K	R2, R34, R35, R43, R44, R52, R53, R61, R62, R70, R71, R79, R80, R88, R89, R97, R98, R106, R107, R115, R116, R124, R125, R133, R134, R142, R143, R151, R152, R160, R161, R169, R170	33		660-MF1/4LCT52R223J
100K	R1	1		660-MF1/4LCT52R104J
B10K	ALL POTS	48	potentiometer, 9mm	<a href="https://www.taydaelectronics.com/10k-ohm-linear-taper-potentiometer-round-shaft-pcb-9mm.html">https://www.taydaelectronics.com/10k-ohm-linear-taper-potentiometer-round-shaft-pcb-9mm.html</a>

## Capacitors

Value	Reference	Total	Description	Mouser # (or option)
47pf	C1	1	5MM LS, CERAMIC	75-1C20C0G470J050B
1nf	C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17	16	5MM LS, CERAMIC	75-1C20C0G102J050B

## Diodes

Value	Reference	Total	Description	Mouser # (or option)
1N457	D1-D64	64		512-1N457
Lamp	L1-L16	16	Panel-mounted step indicators	645-6123132130F

## Transistors

Value	Reference	Total	Description	Mouser #
2N3904	Q1, Q2, Q4, Q5, Q7, Q9, Q11, Q13, Q15, Q17, Q19, Q21, Q23, Q25, Q27, Q29, Q31, Q33, Q35, Q37, Q39, Q41, Q43, Q45, Q47, Q49, Q51, Q53, Q55, Q57, Q59, Q61, Q63, Q65, Q67, Q69, Q71, Q73, Q75	39		610-2N3904
2N3906	Q3, Q6, Q8, Q10, Q12, Q14, Q16, Q18, Q20, Q22, Q24, Q26, Q28, Q30, Q32, Q34, Q36, Q38, Q40, Q42, Q44, Q46, Q48, Q50, Q52, Q54, Q56, Q58, Q60, Q62, Q64, Q66, Q68, Q70, Q72, Q74	36		610-2N3906

## Miscellaneous

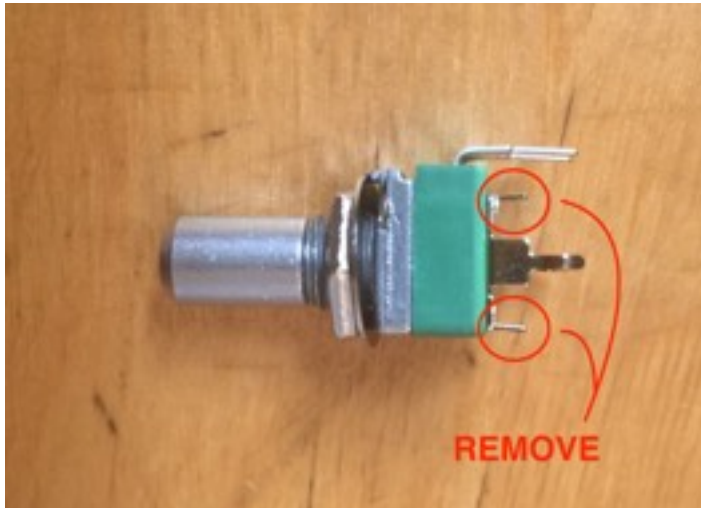
	Total	Description	Mouser # (or option)
Banana jacks (black)	6		530-108-0903-1
Banana jacks (red)	17		530-108-0902-1
Rotary switch	1		706-51SP22-01-1-15S
Rotary switch shaft extension	1		
Standoffs	6		855-R30-3011002
Small Davies knobs	48		5164-1610AA (or Thonk)
Davies pointer knob	1		5164-2300BT
EDAC 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=0b124b0961>



## **Row "C" potentiometers:**

Certain brands (Alpha, etc.) of 9mm potentiometers need to be modified in order to avoid potential problems with Row "C" voltage output. If the potentiometer you are using has 2 support tabs on the underside of the body, remove them.