

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

Value	Reference	Total	Description	Mouser # (or option)
100R	R32, R42, R51, R60, R69, R78, R87, R96	8		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	19		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	8		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	17		660-MF1/4LCT52R223J
100K	R1	1		660-MF1/4LCT52R104J
B10K	R38, R39, R40, R47, R48, R49, R56, R57, R58, R65, R66, R67, R74, R75, R76, R83, R84, R85, R92, R93, R94, R101, R102, R104	24	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	9	5MM LS, CERAMIC	75-1C20C0G102J050B

## Diodes

Value	Reference	Total	Description	Mouser # (or option)
1N457	D1-D32	32		512-1N457
Lamp	L1-L8	8	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	23		610-2N3904
2N3906	Q3, Q6, Q8, Q10, Q12, Q14, Q16, Q18, Q20, Q22, Q24, Q26, Q28, Q30, Q32, Q34, Q36, Q38, Q40, Q42	20		610-2N3906

## Miscellaneous

	Total	Description	Mouser # (or option)
Banana jacks (black)	6		530-108-0903-1
Banana jacks (red)	9		530-108-0902-1
Rotary switch	1		105-SR2611F-17-18NS
Standoffs	4		855-R30-3011002
Small Davies knobs	24		5164-1610AA (or Thonk)
Davies pointer knob	1		5164-2300BT
EDAC power connector	1	<i>optional</i>	587-306-50-010

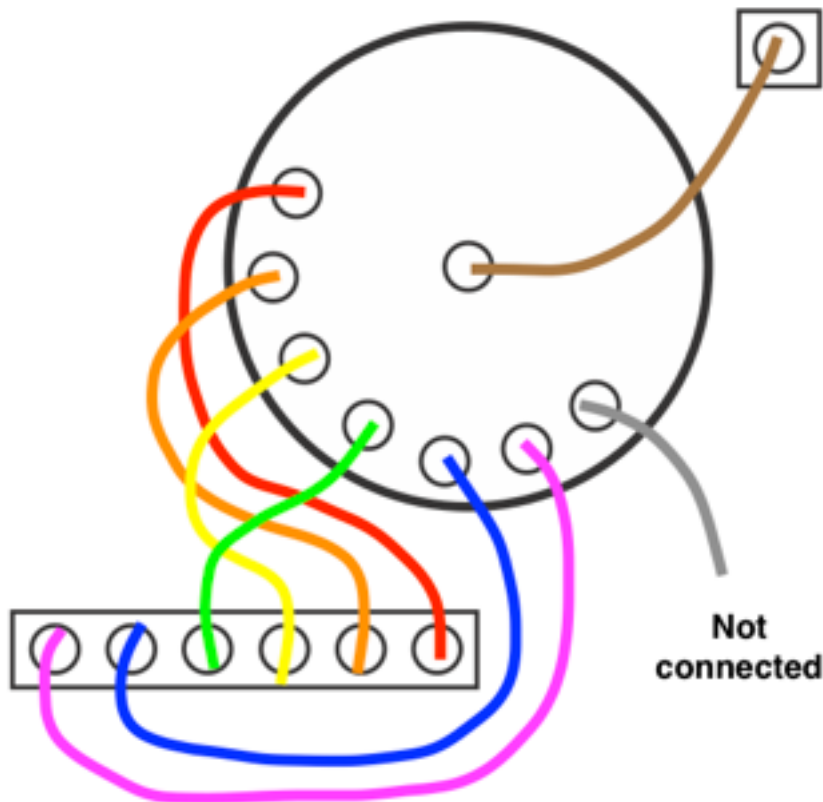
## Mouser Cart

*\*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=f146b7ea4f>

## Rotary Switch Wiring Diagram



## 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.

