

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

Value	Reference	Total	Description	Mouser # (or option)
10R	R6	1		660-MF1/4LCT52R100J
150R	R8	1		660-MF1/4LCT52R151J
220R	R52, R61, R66	3		660-MF1/4LCT52R221J
1K	R12	1		660-MF1/4LCT52R102J
1K5	R2, R3, R70, R72	4		660-MF1/4LCT52R152J
2K2	R11	1		660-MF1/4LCT52R222J
3K3	R16, R17	2		660-MF1/4LCT52R332J
4K7	R9, R13, R15, R23, R26, R32, R33, R44, R49, R51, R58, R60, R71, R74	14		660-MF1/4LCT52R472J
6K8	R7	1		660-MF1/4LCT52R682J
10K	R10, R14, R21, R50, R59, R63, R64, R65	8		660-MF1/4LCT52R103J
22K	R27, R28, R29, R30, R31, R36, R37, R38, R41, R42, R43, R45, R46, R47, R48, R54, R55, R56, R57	19		660-MF1/4LCT52R223J
47K	R20, R22, R24, R68	4		660-MF1/4LCT52R473J
68K	R25	1		279-RR02J68KTB
100K	R1, R34, R35, R39, R40, R53, R62, R67	8		660-MF1/4LCT52R104J
220K	R18	1		279-RR01J220KTB
330K	R75	1		71-CCF07330KJKE36
680K	R19	1		71-CCF07680KJKE36
1K	R4, R5	2	3296 trimmer	652-3296W-1-102LF
B10K	R69, R73	2	potentiometer	https://www.taydaelectronics.com/b10k-ohm-linear-taper-potentiometer-round-shaft-pc-mount-1.html

Capacitors

Value	Reference	Total	Description	Mouser # (or option)
910pf	C3, C6, C7, C8, C11, C12	6	<i>1n also work</i>	594-2222-375-10911
4.7nf	C2, C9, C10	3	film	80-R82MC1470AA50K
1uf	C1	1	tantalum	581-TAP105K025CRS
4.7uf	C4	1	tantalum	581-TAP475K025DTW
100uf	C5	1		80-ESH107M025AE3AA

Diodes

Value	Reference	Total	Description	Mouser # (or option)
1N457	D1, D2, D3, D4	4	<i>1n4148 also work</i>	512-1N457

Transistors

Value	Reference	Total	Description	Mouser # (or option)
2N3904	Q6, Q7, Q8, Q9	4		610-2N3904
2N3906	Q1, Q2, Q4, Q5, Q10, Q11, Q12, Q13, Q14, Q15, Q16, Q17, Q18, Q19	14		610-2N3906
J201	Q3	1		106-J201

Miscellaneous

	Total	Description	Mouser # (or option)
Banana jacks (black)	2	Ext. CV inputs	530-108-0903-1
Banana jacks (red)	6	Pulse inputs/outputs	530-108-0902-1
SPDT ON-(ON)	1		502-903X
SPDT ON-NONE_ON	2		633-M201203
Rotary Switch (3 pole, 3 pos.)	1	mode select	611-A30305RNZQ
Standoffs	4	14mm, M3	
Small Davies knobs	2		5164-1610AA (or Thonk)
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=031e17c88d>

Switch wiring:

