

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, R178, R192, R206, R220	16		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, R177, R191, R205, R219, R234, R256, R260	19		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, R173, R174, R187, R188, R201, R202, R215, R216	32		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, R175, R176, R189, R190, R203, R204, R217, R218, R248, R250, R253, R257	36		660-MF1/4LCT52R103J
15K	R3, R17, R31, R45, R59, R73, R87, R101, R115, R129, R143, R157, R171, R185, R199, R213, R233, R236, R266, Rx1	20		71-CCF0715K0JKE36
22K	R12, R26, R40, R54, R68, R82, R96, R110, R124, R138, R152, R166, R180, R194, R208, R222, R239	17		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, R179, R193, R207, R221, R251, R261	18		279-RR02J68KTB
100K	R4, R18, R32, R46, R60, R74, R88, R102, R116, R130, R144, R158, R172, R186, R200, R214,	16		660-MF1/4LCT52R104J
150K	R242	1		594-SFR16S0001503JA5

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Value	Reference	Total	Desc.	Mouser # (or option)
220K	R230	1		279-RR01J220KTB
1M	R247	1		594-VR25000001004JR5
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, R183, R184, R197, R198, R211, R212	32	3362 type trimmer	652-3362P-1-203LF
B10K	ALL POTS	32	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, C74, C80, C86, C92	16	LS: 5mm	75-1C20C0G470J050B
470pf	C4, C10, C16, C22, C28, C34, C40, C46, C52, C58, C64, C70, C76, C82, C88, C94,	16	LS: 5mm	594-K471K15X7RF53H5
1nf	C5, C11, C17, C23, C29, C35, C41, C47, C53, C59, C65, C71, C77, C83, C89, C95 C99, C100,	18	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, C73, C79, C85, C91,	16	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, C75, C78, C81, C84, C87, C90, C93, C96, C97	33	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	D1-49	49		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, Q49, Q51, Q53, Q55, Q57, Q59, Q61, Q63, Q65, Q66, Q67, Q68, Q69, Q70, Q72, Q73, Q76, Q78	42		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, Q50, Q52, Q54, Q56, Q58, Q60, Q62, Q64, Q71, Q74, Q75, Q77	36		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	6		855-R30-3011002
Small Davies knobs	32		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=cb17a68dd0>

Calibration

R1 (R15, R29, etc.): Adjusts "Trigger Out" sensitivity.

R2 (R16, R30, etc.): Adjusts "Pressure Out" sensistivity.