General Notes:

NB: There is a jumper wire which needs to be added between C15 and R31. See the diagram at the end of this document for details.

Resistors (¼ watt, +/- 5%)

Value	Reference	Total	Description	Mouser # (or option)
47R	R17	1		660-MF1/4LCT52R470J
100R	R22	1		660-MF1/4LCT52R101J
220R	R24, R34, R35	3		660-MF1/4LCT52R221J
1K	R3, R15, R23	3		660-MF1/4LCT52R102J
3K3	R11, R27	2		660-MF1/4LCT52R332J
4K7	R26, R31	2		660-MF1/4LCT52R472J
6K8	R8, R10, R12, R13, R19	5		660-MF1/4LCT52R682J
10K	R2, R4, R5, R6, R9, R18, R21, R25, R33	9		660-MF1/4LCT52R103J
22K	R1, R7, R16	3		660-MF1/4LCT52R223J
33K	R32	1		71-CCF0733K0JKE36
47K	R28, R29, R30	3		660-MF1/4LCT52R473J
68K	R14	1		279-RR02J68KTB
100K	R20	1		660-MF1/4LCT52R104J

Capacitors

Value	Reference	Total	Description	Mouser # (or option)
100pf	C17	1		581-SR151A101J
470pf	C13, C14, C18	3		75-1C10C0G471J100B
1nf	C3	1		581-SR201A102J
2.2nf	C6, C7	2		581-SR201A222JARTR1
22nf	C5, C15	2		75-1C10X7R223K050B

Value	Reference	Total	Description	Mouser # (or option)
100nf	C1, C2, C4, C11	4		581-SR201C104KARTR1
10uf	C8, C10	2		140-REA100M2ABK0611P
100uf	C9, C12, C16	3		594-MAL203836101E3

Transistors

It is advised that you socket Q1 and select it for noise characteristics.

Value	Reference	Total	Description	Mouser # (or option)
2N3904	Q2, Q4, Q6, Q7, Q8, Q9, Q10	7		610-2N3904
2N3906	Q3, Q5	2		610-2N3906
2N4250	Q1	1		610-PN4250A

Miscellaneous

	Total	Description	Mouser # (or option)
Switchcraft Tini Jax	4	Audio inputs, Audio outputs	502-41
Standoffs	4	14mm, M3	855-R30-3011402
Inductor - 50 mH	1		542-70F502-RC
EDAC power connector	1	*optional*	587-306-50-010

Mouser Cart

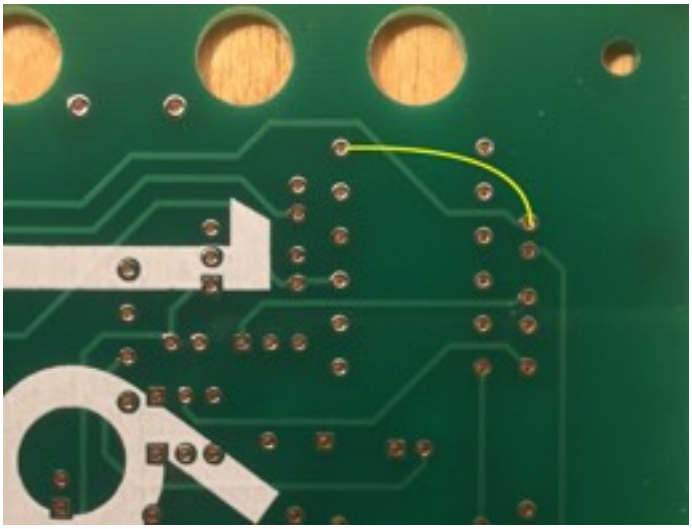
**NB: potentiometers, screws, EDAC power connector are not included in the Mouser Cart.*
**Some items may be backordered.*

https://www.mouser.com/ProjectManager/ProjectDetail.aspx?AccessID=9e6476af3e

Jumper Wire Installation

Option #1:

Solder a short piece of wire between the leg of C15 closest to the output jacks and the leg of R31 farthest from C15. Like this:



Option #2:

Expose the trace that passes just above the leg of R31 and solder a jumper between the exposed trace and the leg of R31. You can gently scrape the soldermask with an exacto knife in order to expose the underlying copper trace. If you are uncomfortable performing this task, use option #1.