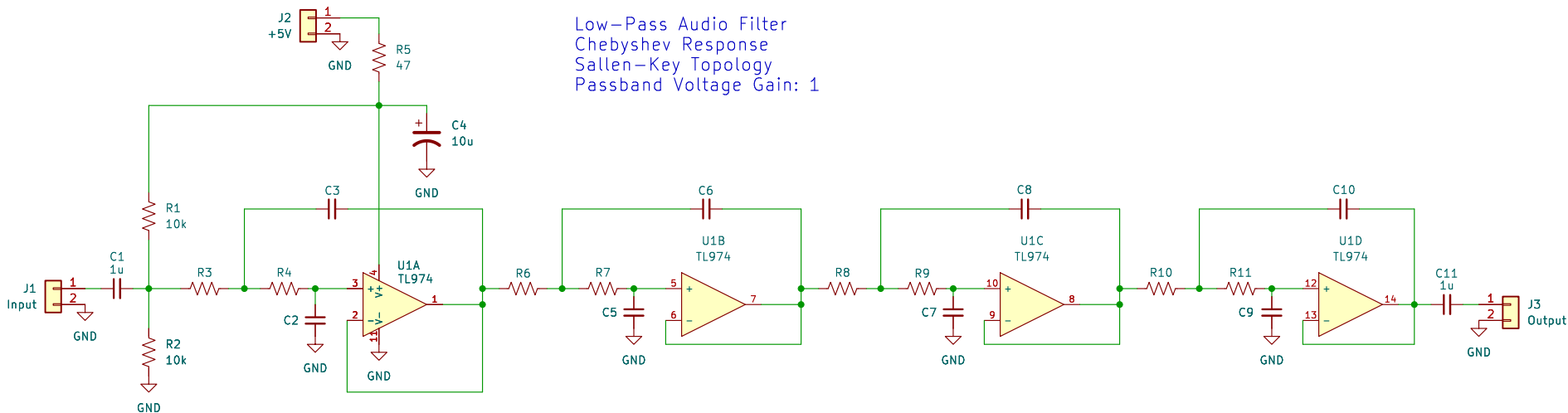
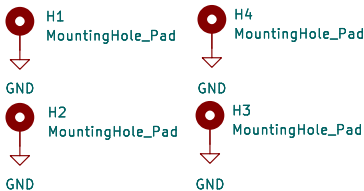


Low-Pass Audio Filter  
Chebyshev Response  
Sallen-Key Topology  
Passband Voltage Gain: 1



Cut Off Freq	R3	R4	R6	R7	R8	R9	R10	R11	C3	C6	C8	C10	C2/C5/C7/C9
800 Hz	3.9 k	6.2 k	1.5 k	1.5 k	360	680	110	160	150 n	560 n	2.7 u	27 u	100 n
2.7 kHz	10 k	16 k	3.9 k	3.9 k	910	1.8 k	300	390	15 n	56 n	270 n	2.7 u	10 n

All capacitors in signal path (C1, C2, C3, C5, C6, C7, C8, C9, C10, C11)  
are film capacitors



<b>Etherkit</b>	
Sheet: /	
File: YamhillActiveAFFilter.kicad_sch	
<b>Title: Project Yamhill Active AF Filter</b>	
Size: USLetter	Date: 2023-12-20
KiCad E.D.A. kicad 7.0.9-ubuntu22.04.1	Rev: A
Id: 1/1	