

Filter Wizard Design Report

Filter Requirements for Low-Pass, 3rd order Butterworth

Specifications: Optimize for Specific Components, +Vs= 12, -Vs= -12

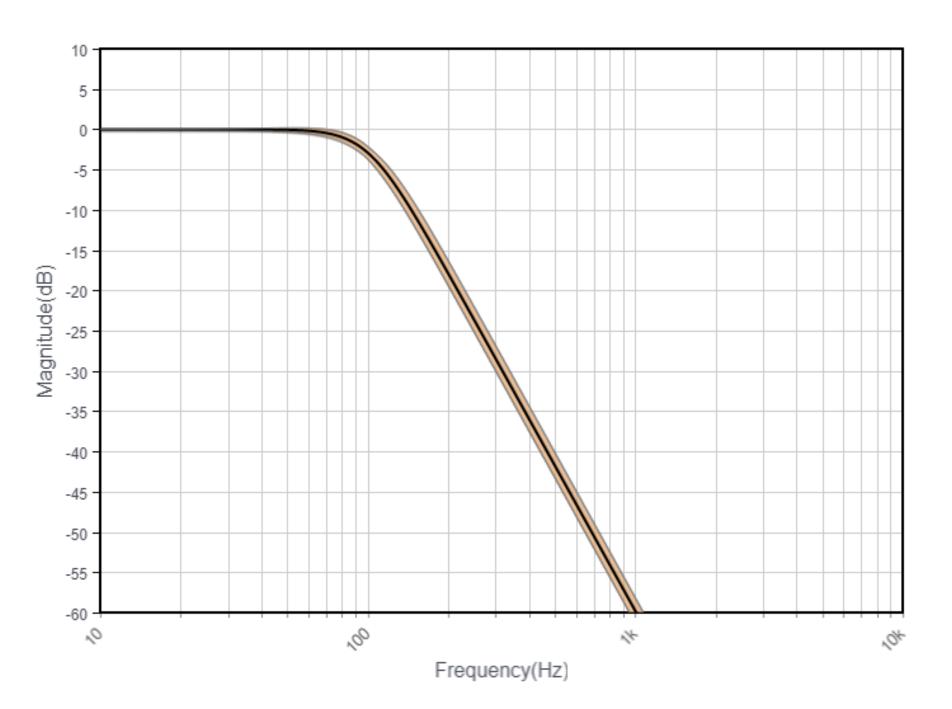
Gain: 0 dB

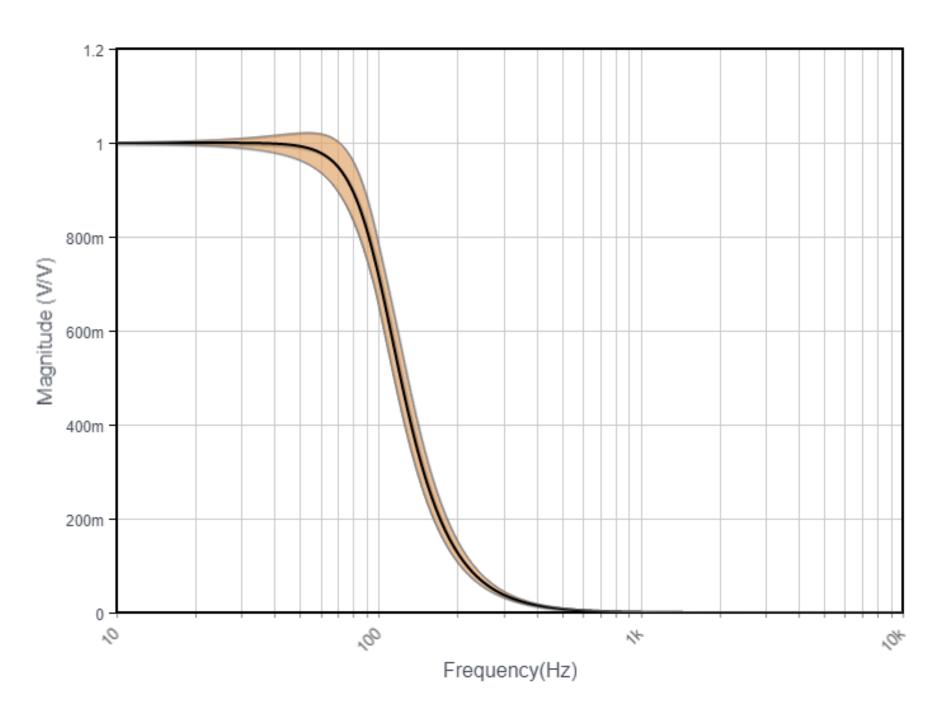
Passband: -3dB at 100Hz Stopband: -40dB at 1kHz

Component Tolerances: Capacitor = 5%; Resistor = 1%; Inductor = 5%; Op Amp GBW = 20%

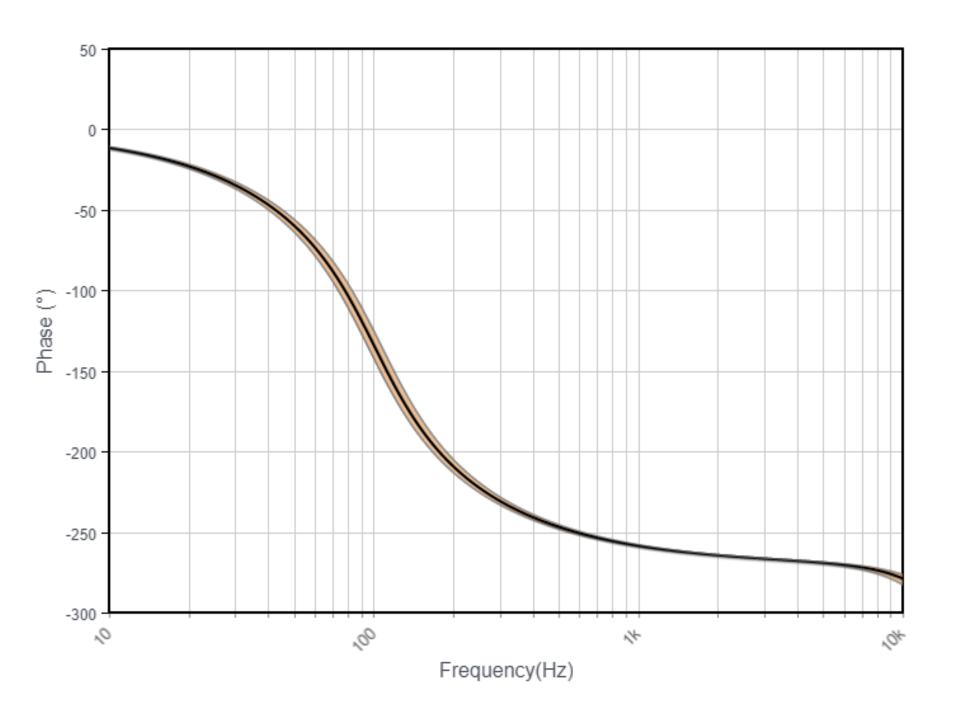
BOM: refer to BOM.csv file

Magnitude(dB)

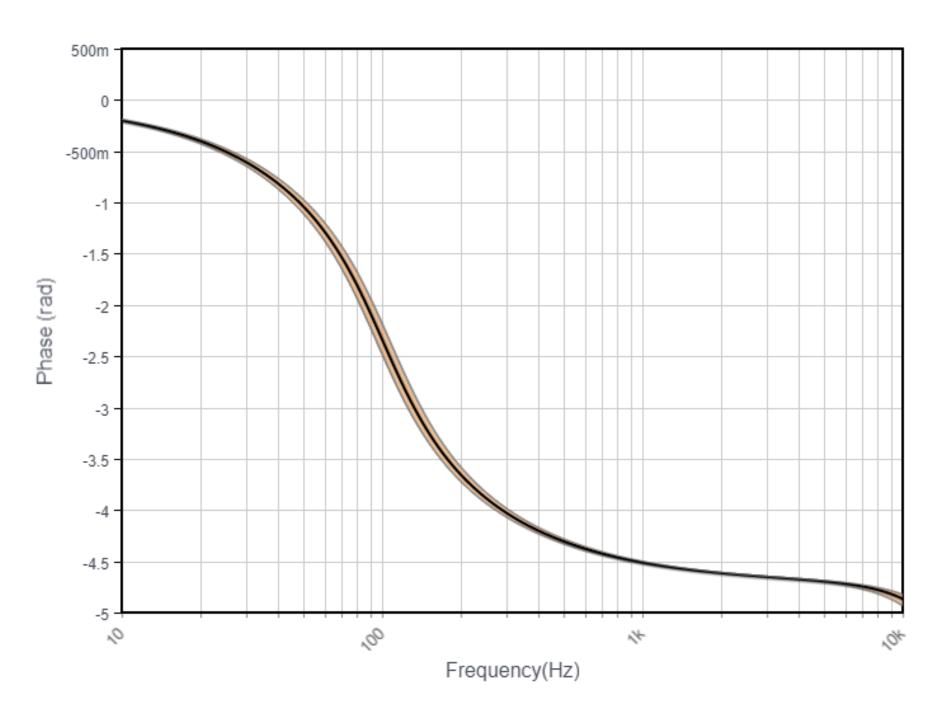




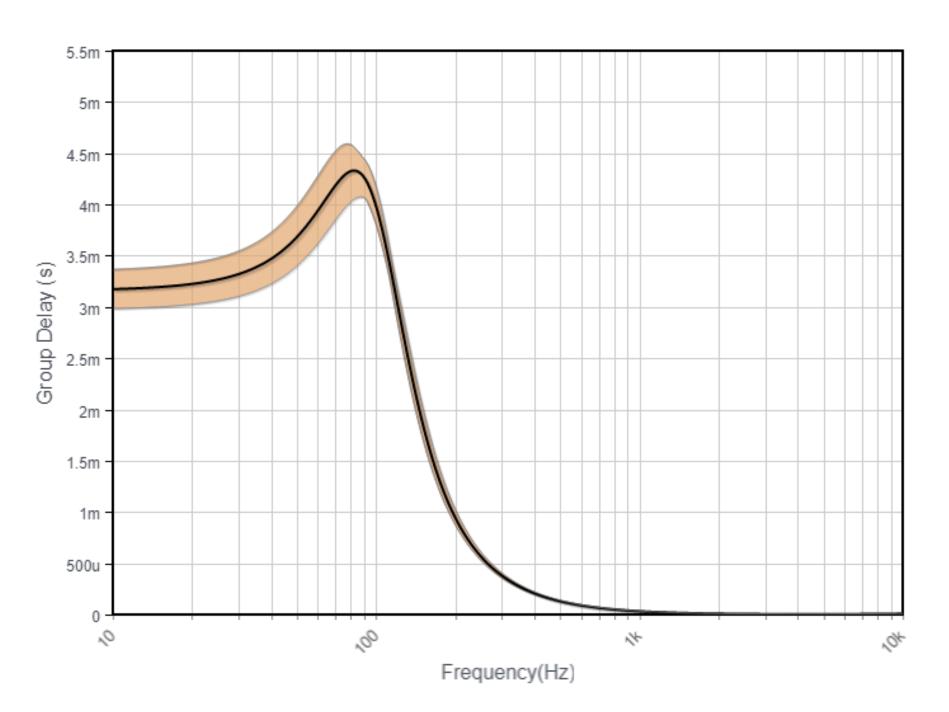
Phase(degrees)

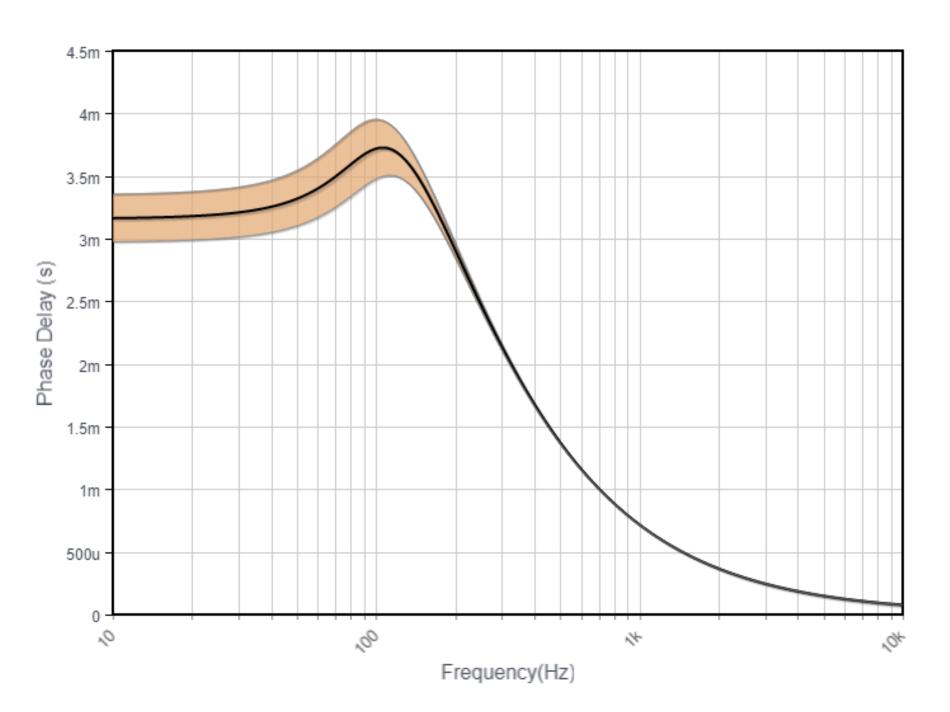


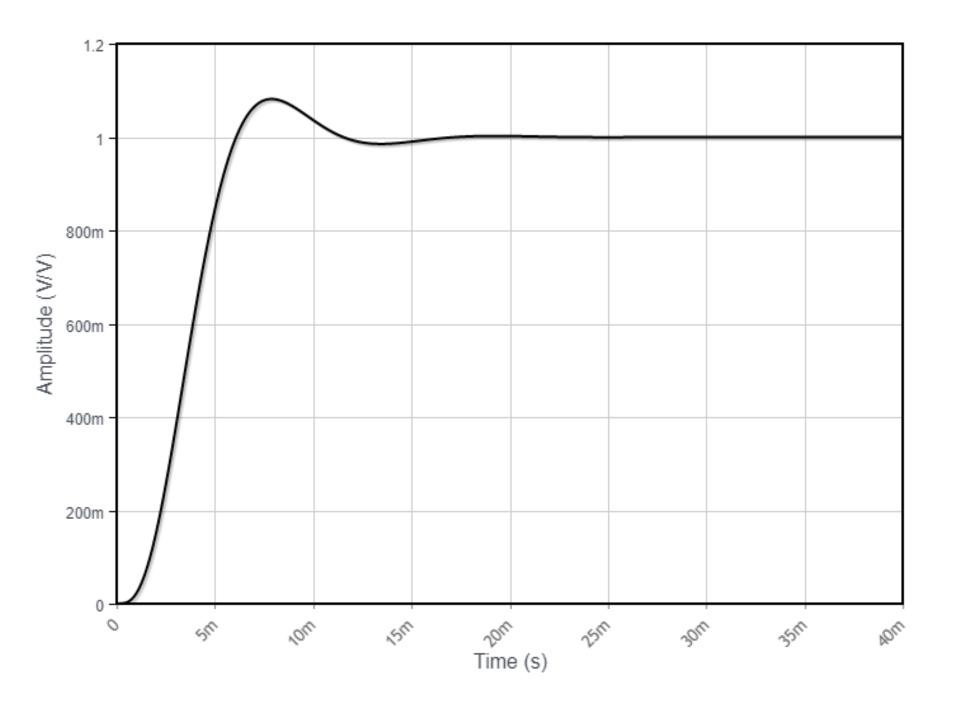
Phase(radians)



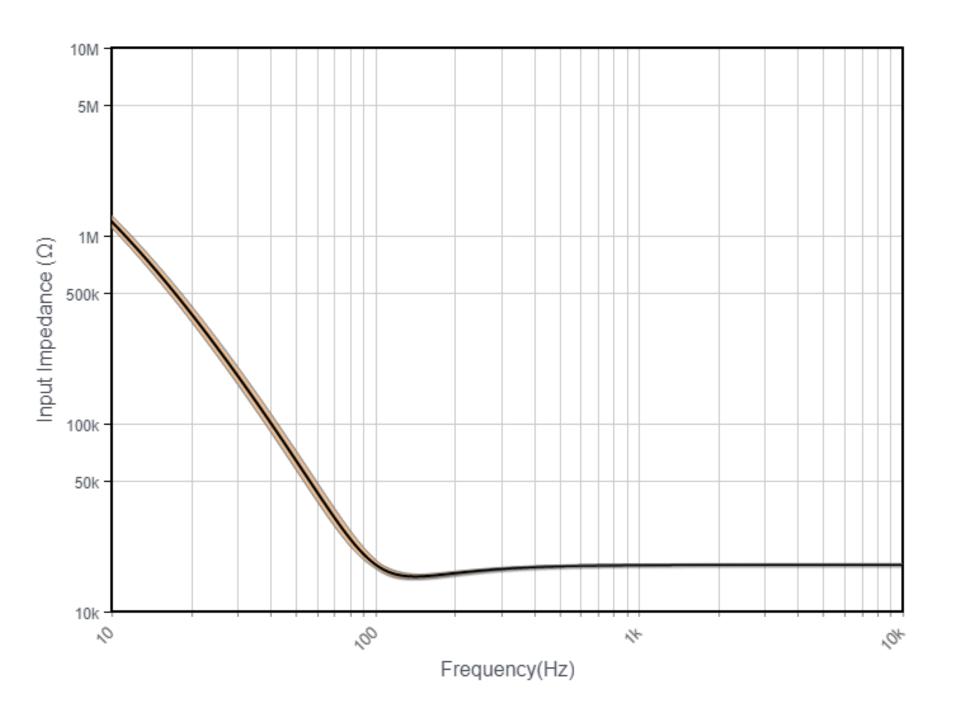
Group Delay

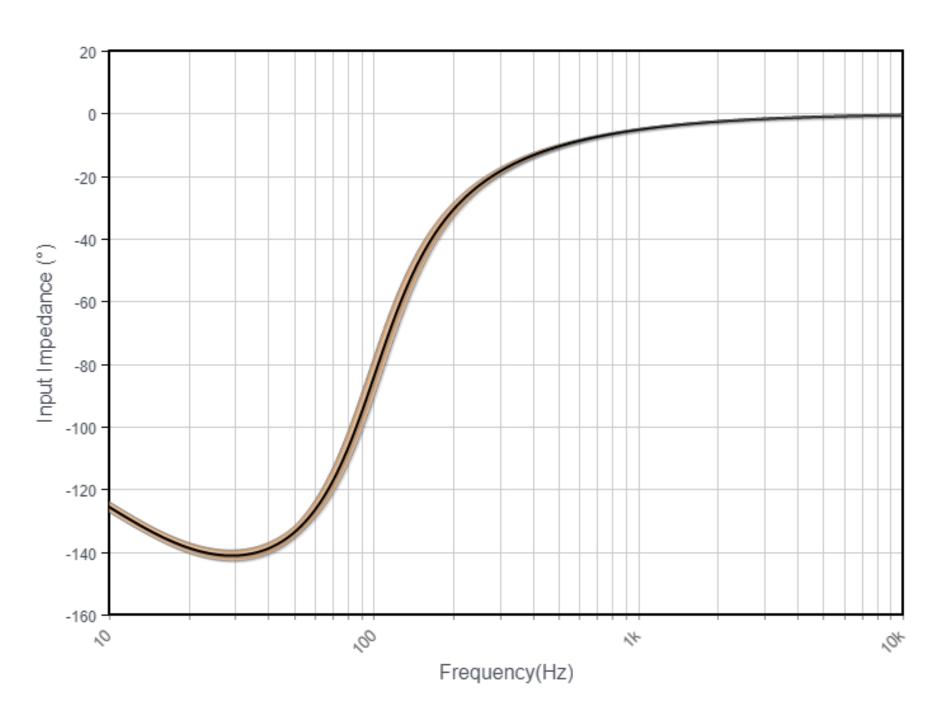


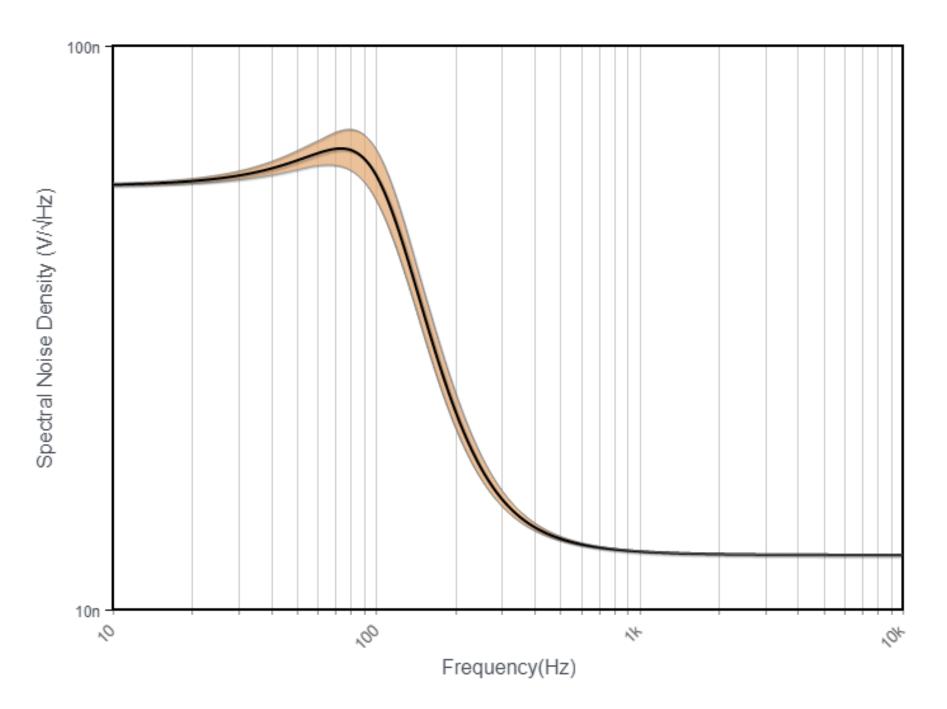




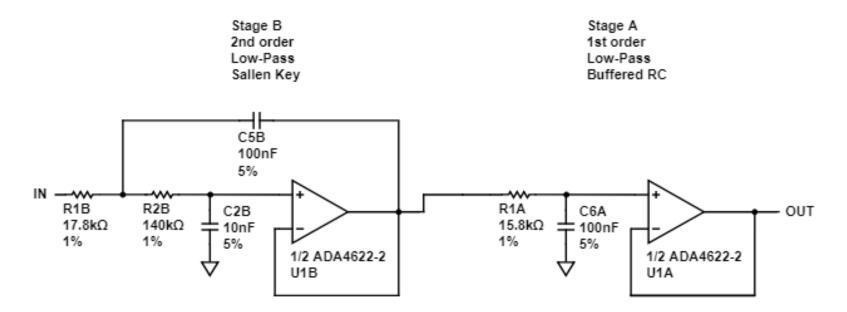
Input Impedance Magnitude

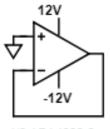




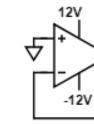


Circuit





1/2 ADA4622-2 U1B



1/2 ADA4622-2 U1A