



Created by Richard Tobias on 4/20/2017



Filter Wizard Design Report

Filter Requirements for Low-Pass, 3rd order Chebyshev 1.09 dB

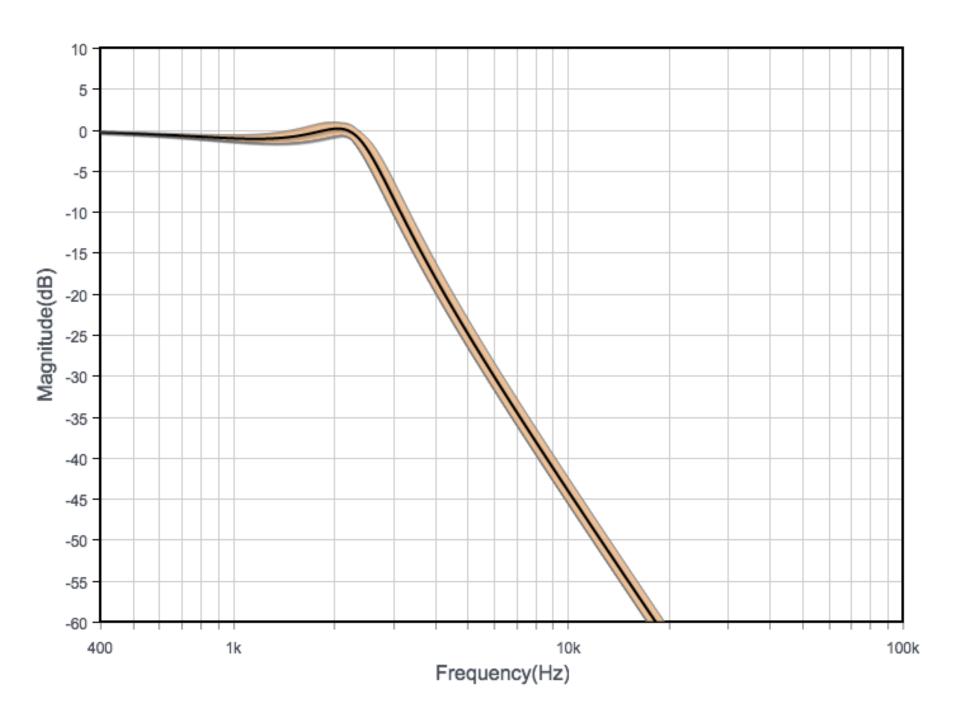
Specifications: Optimize for Specific Components, +Vs= 9, -Vs= 0

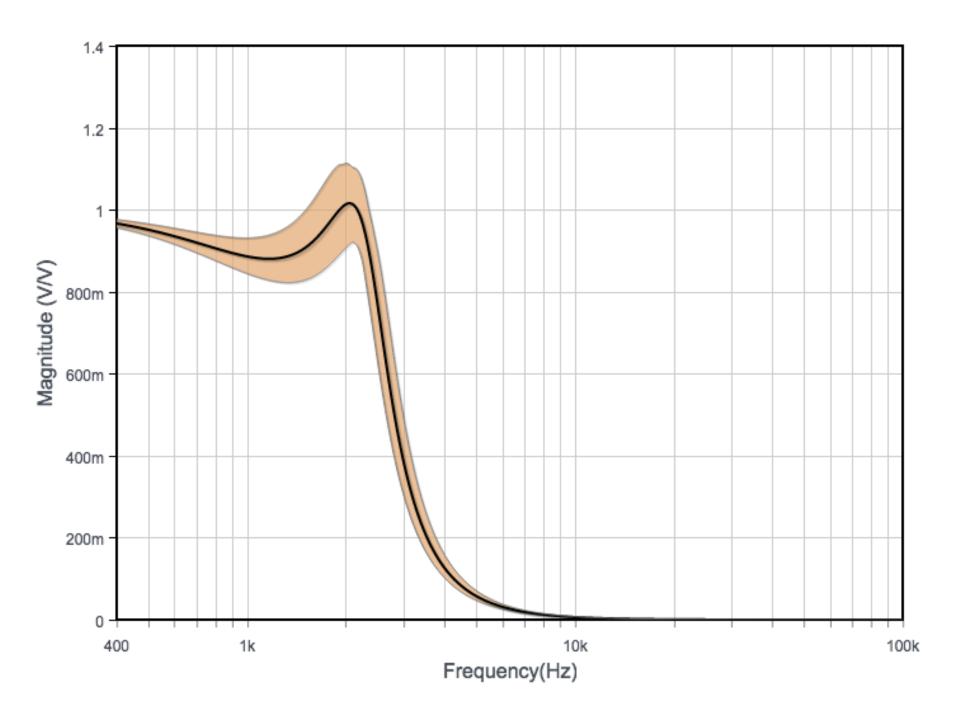
Gain: 0 dB

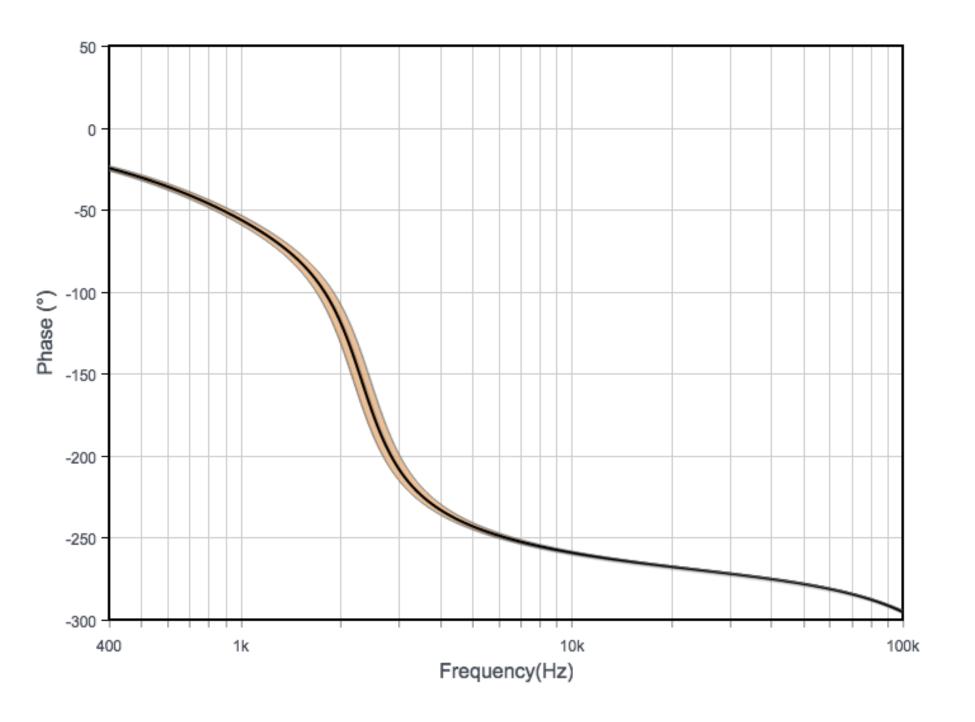
Passband: -18dB at 4kHz Stopband: -40dB at 10kHz

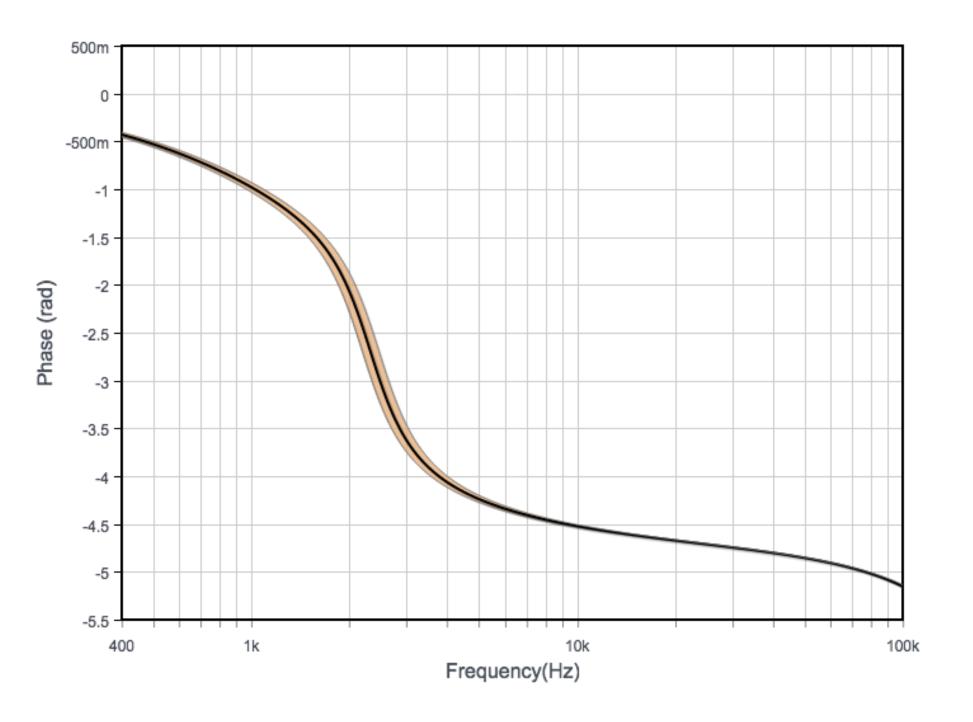
Component Tolerances: Capacitor = 5%; Resistor = 1%; Inductor = 5%; Op Amp GBW = 20%

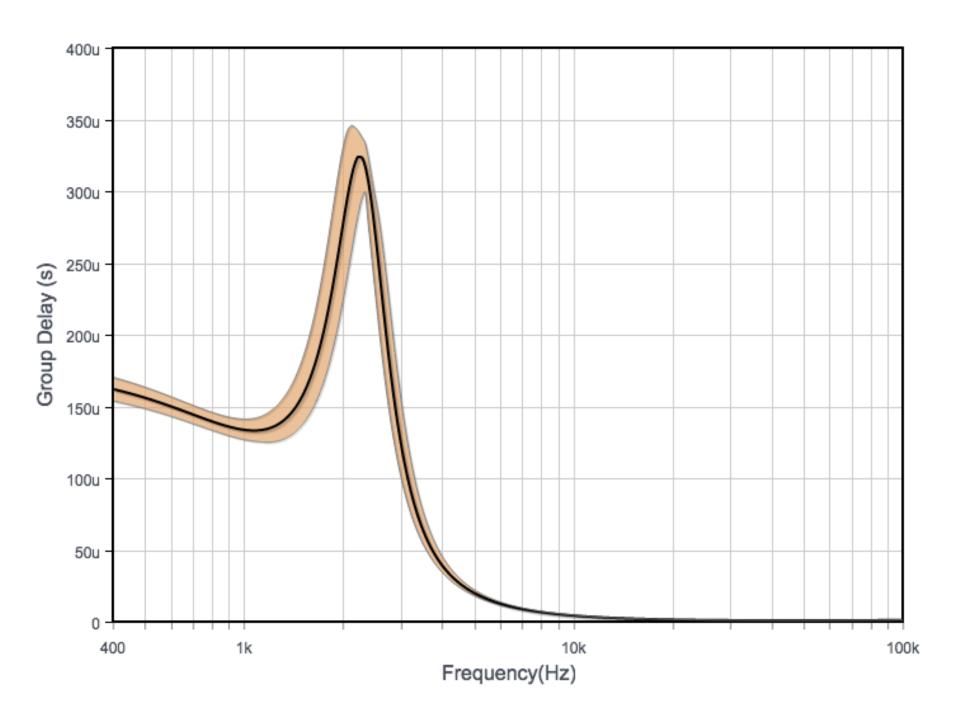
BOM: refer to BOM.csv file

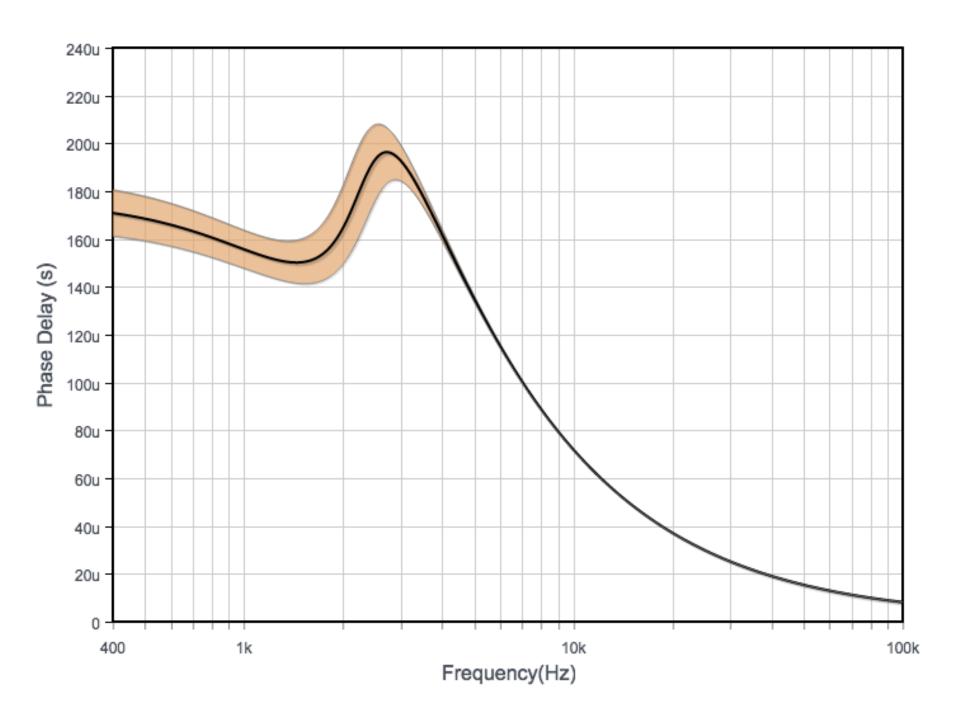


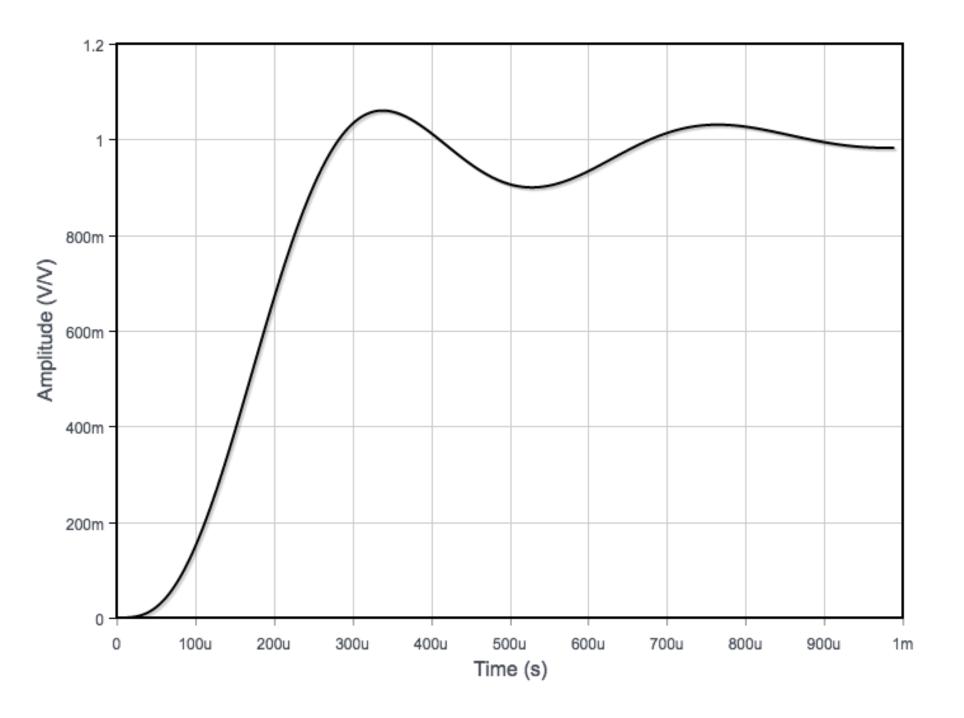




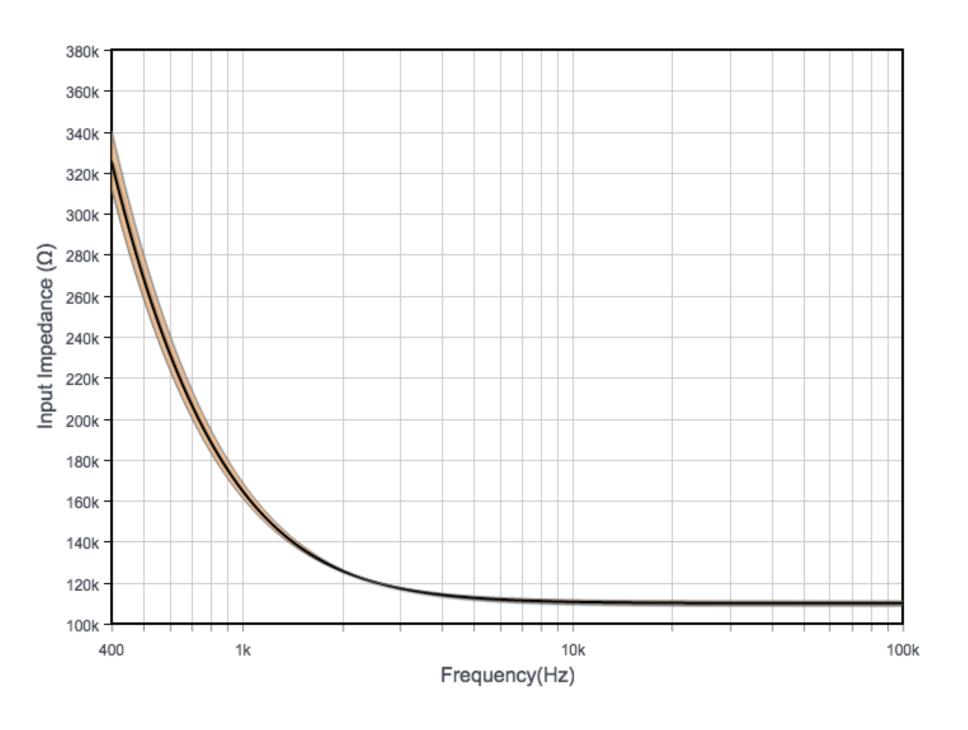


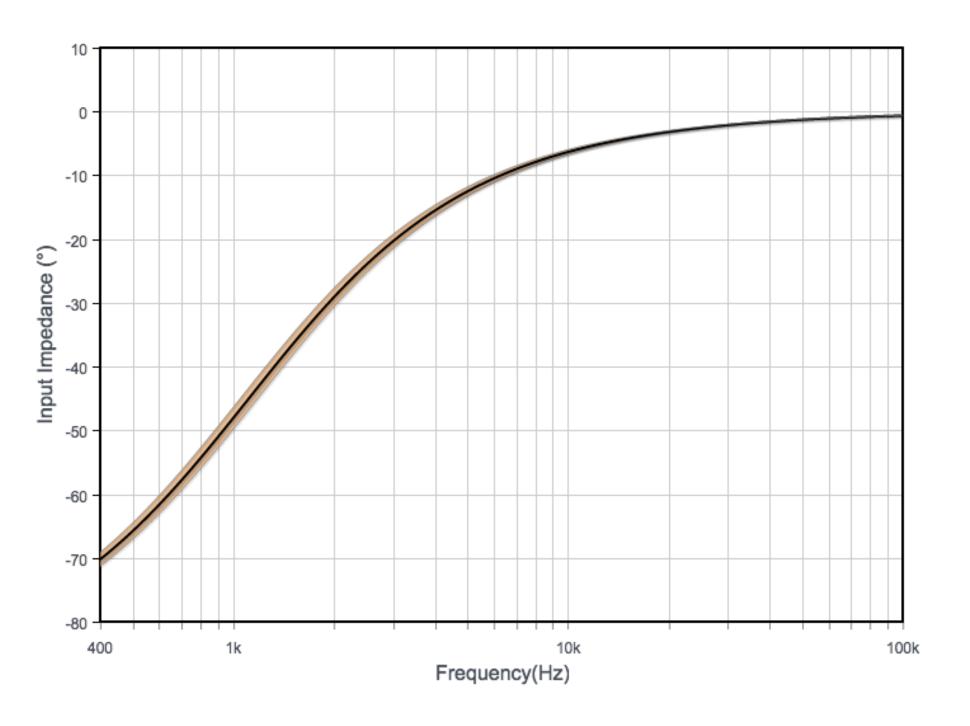


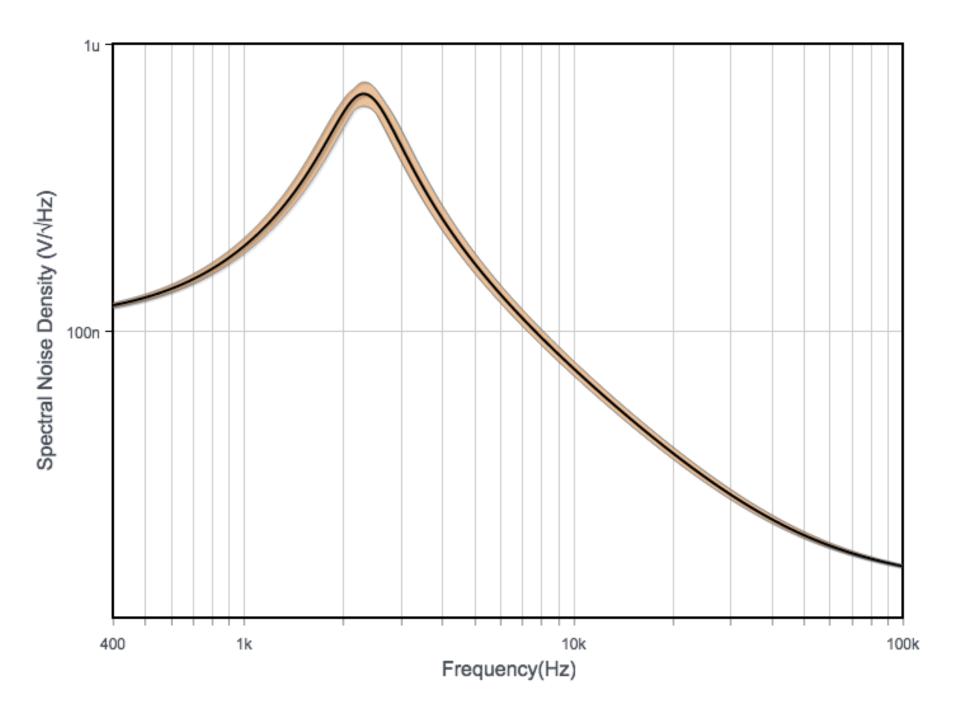




Input Impedance Magnitude







Circuit

