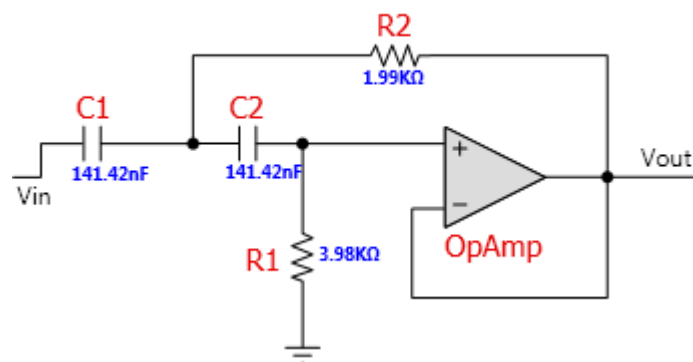


FilterPro Design Report Schematic

Design Name: Highpass, Sallen Key, Butterworth **Part:** Ideal Opamp **Order:** 2 **Stages:** 1
Gain: 1 V/V (0 dB) **Allowable PassBand Ripple:** 3 dB **Passband Frequency:** 400 Hz
Corner Frequency Attenuation: -3 dB **Stopband Attenuation:** -36 dB **Stopband Frequency:** 50 Hz

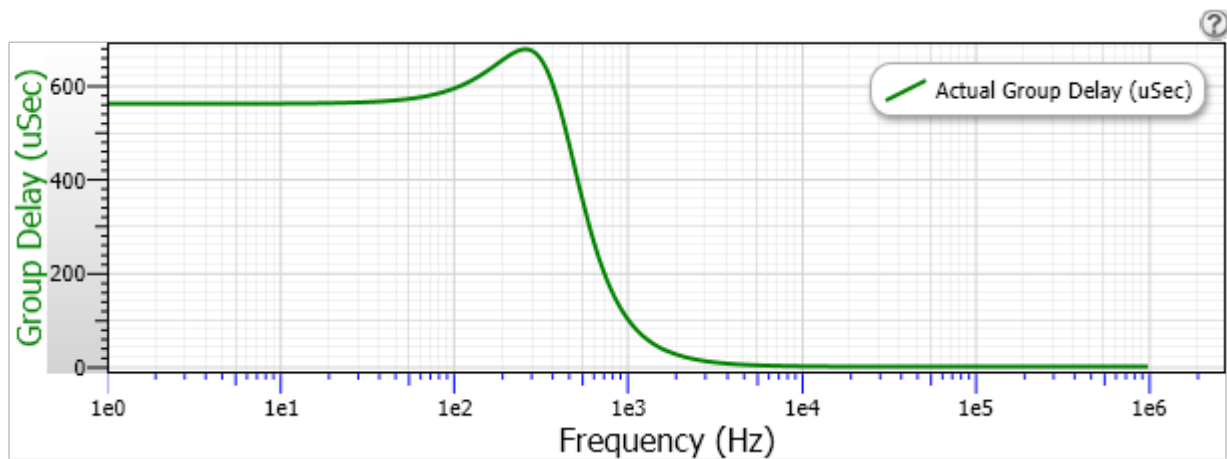
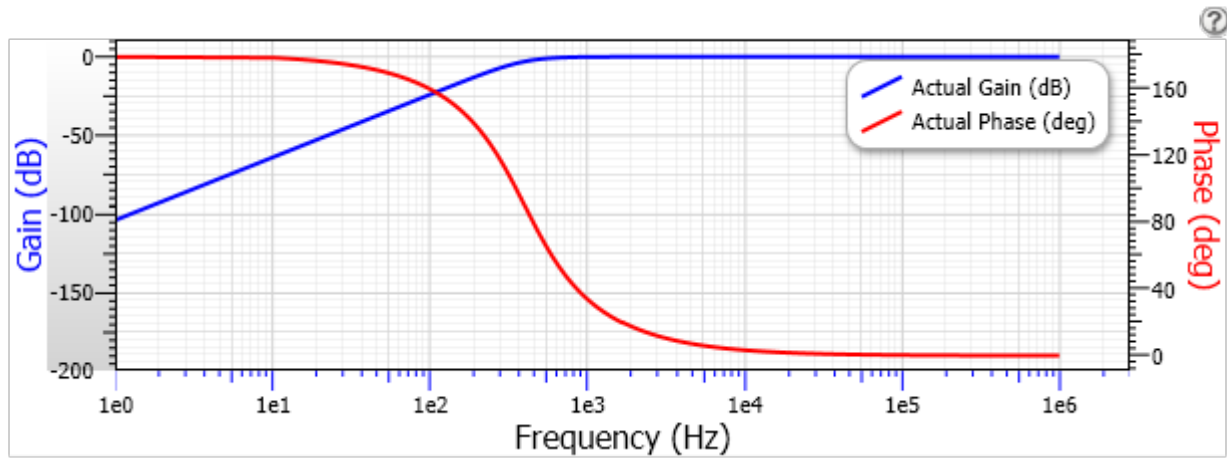


Filter Stage: 1
Passband Gain(A_o): 1
Cutoff Frequency(f_n): 400 Hz
QualityFactor (Q): 0.71
Filter Response: Butterworth
Circuit Topology: SallenKey
Min GBW reqd.: 28.4 kHz

FilterPro Design Report

Frequency and Phase Responses

Design Name: Highpass, Sallen Key, Butterworth **Part:** Ideal Opamp **Order:** 2 **Stages:** 1
Gain: 1 V/V (0 dB) **Allowable PassBand Ripple:** 3 dB **Passband Frequency:** 400 Hz
Corner Frequency Attenuation: -3 dB **Stopband Attenuation:** -36 dB **Stopband Frequency:** 50 Hz



FilterPro Design Report

Bill of Materials

Design Name: Highpass, Sallen Key, Butterworth **Part:** Ideal Opamp **Order:** 2 **Stages:** 1
Gain: 1 V/V (0 dB) **Allowable PassBand Ripple:** 3 dB **Passband Frequency:** 400 Hz
Corner Frequency Attenuation: -3 dB **Stopband Attenuation:** -36 dB **Stopband Frequency:** 50 Hz

Element ID	Quantity	Part Number	Value	Tolerance	Description	Manufacturer
R1 (Stage 1)	1	Standard	3.98K Ω	Exact: 0%	Resistor	
R2 (Stage 1)	1	Standard	1.99K Ω	Exact: 0%	Resistor	
C1 (Stage 1)	1	Standard	141.42nF	Exact: 0%	Capacitor	
C2 (Stage 1)	1	Standard	141.42nF	Exact: 0%	Capacitor	
OpAmp (Stage 1)	1	Standard			Ideal OpAmp	

FilterPro Design Report

Design Notes

Design Name: Highpass, Sallen Key, Butterworth **Part:** Ideal Opamp **Order:** 2 **Stages:** 1
Gain: 1 V/V (0 dB) **Allowable PassBand Ripple:** 3 dB **Passband Frequency:** 400 Hz
Corner Frequency Attenuation: -3 dB **Stopband Attenuation:** -36 dB **Stopband Frequency:** 50 Hz