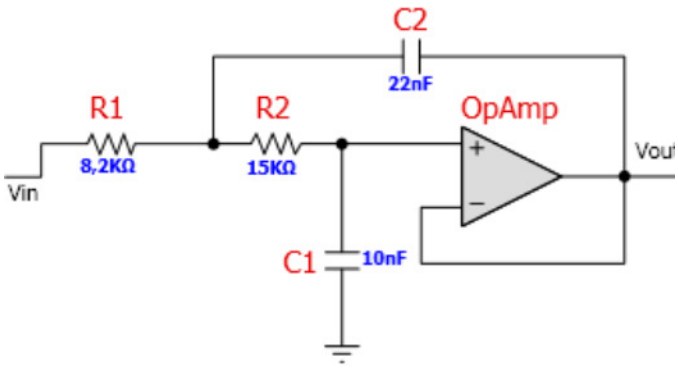
FilterPro Design Report
Schematic

Design Name: Lowpass, Sallen Key, Butterworth **Part:** Ideal Opamp **Order:** 2 **Stages:** 1
Gain: 1 V/V (0 dB) **Allowable PassBand Ripple:** 1 dB **Passband Frequency:** 1 kHz
Corner Frequency Attenuation: -3 dB



Filter Stage:	1
Passband Gain(Ao):	1
Cutoff Frequency(fn):	1 kHz
QualityFactor (Q):	0,71
Filter Response:	Butterworth
Circuit Topology:	SallenKey
Min GBW reqd.:	71 kHz

FilterPro Design Report
Frequency and Phase Responses

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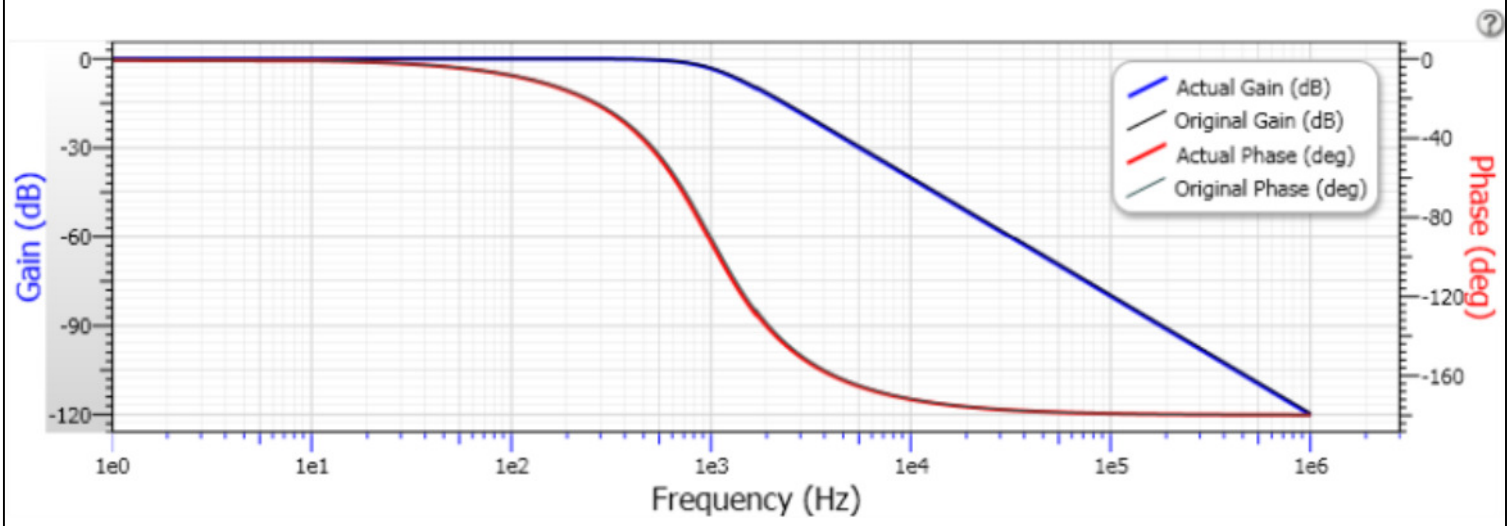

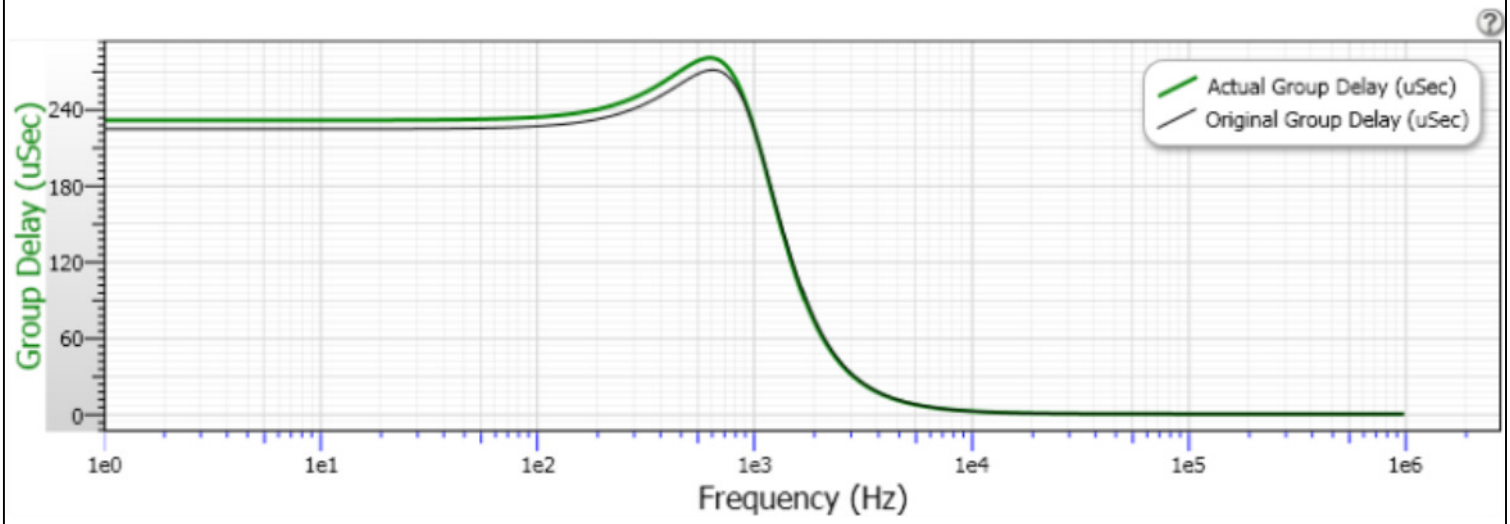

FilterPro Design Report
Bill of Materials

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Corner Frequency Attenuation: -3 dB

Element ID	Quantity	Part Number	Value	Tolerance	Description	Manufacturer
R1 (Stage 1)	1	Standard	8,2KΩ	E12: 10%	Resistor	
R2 (Stage 1)	1	Standard	15KΩ	E12: 10%	Resistor	
C1 (Stage 1)	1	Standard	10nF	E6: 20%	Capacitor	
C2 (Stage 1)	1	Standard	22nF	E6: 20%	Capacitor	
OpAmp (Stage 1)	1	Standard			Ideal OpAmp	

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Design Notes

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