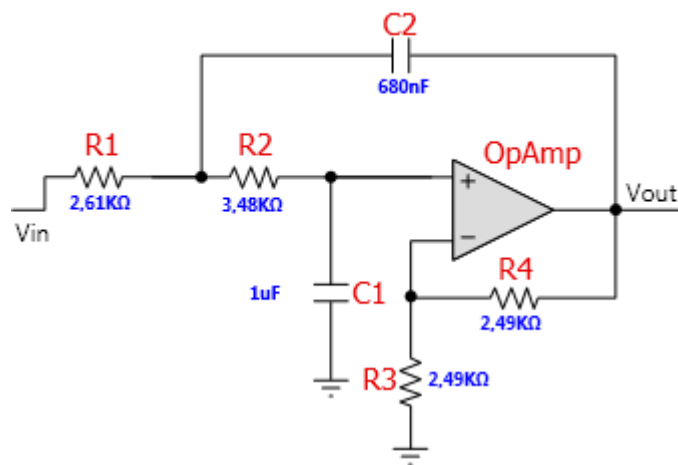


FilterPro Design Report Schematic

Design Name: Lowpass, Sallen Key, Bessel **Part:** Ideal Opamp **Order:** 2 **Stages:** 1
Gain: 2 V/V (6,02059991327962 dB) **Allowable PassBand Ripple:** 3 dB **Passband Frequency:** 50 Hz
Corner Frequency Attenuation: 3,021 dB

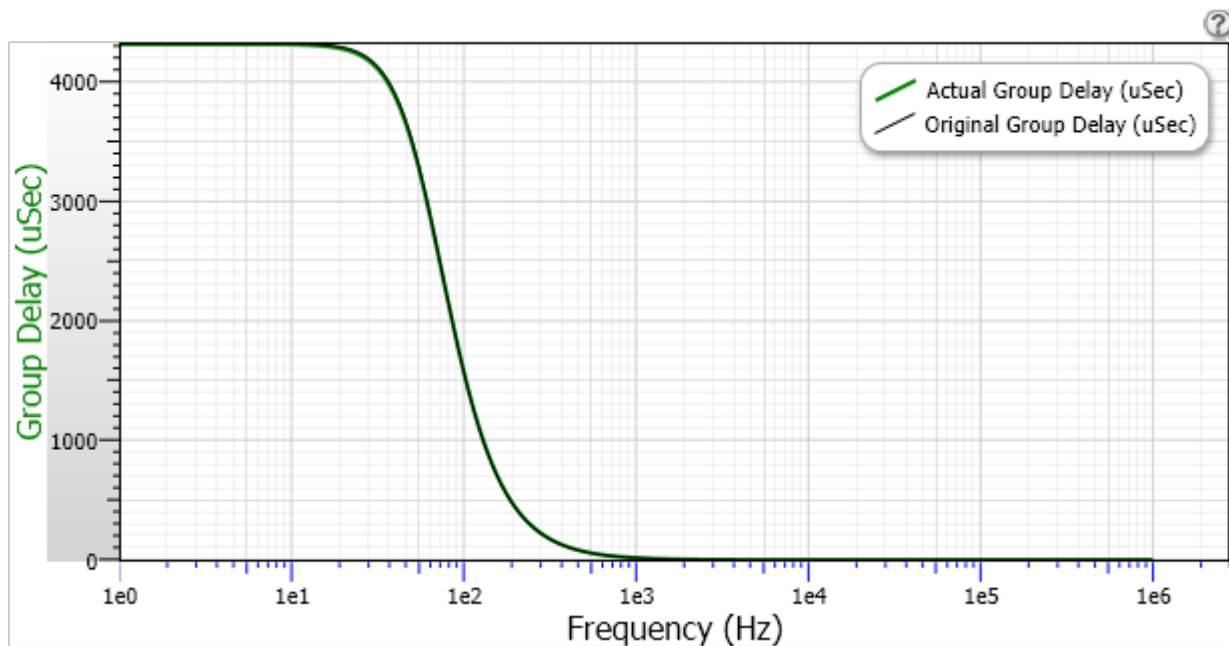
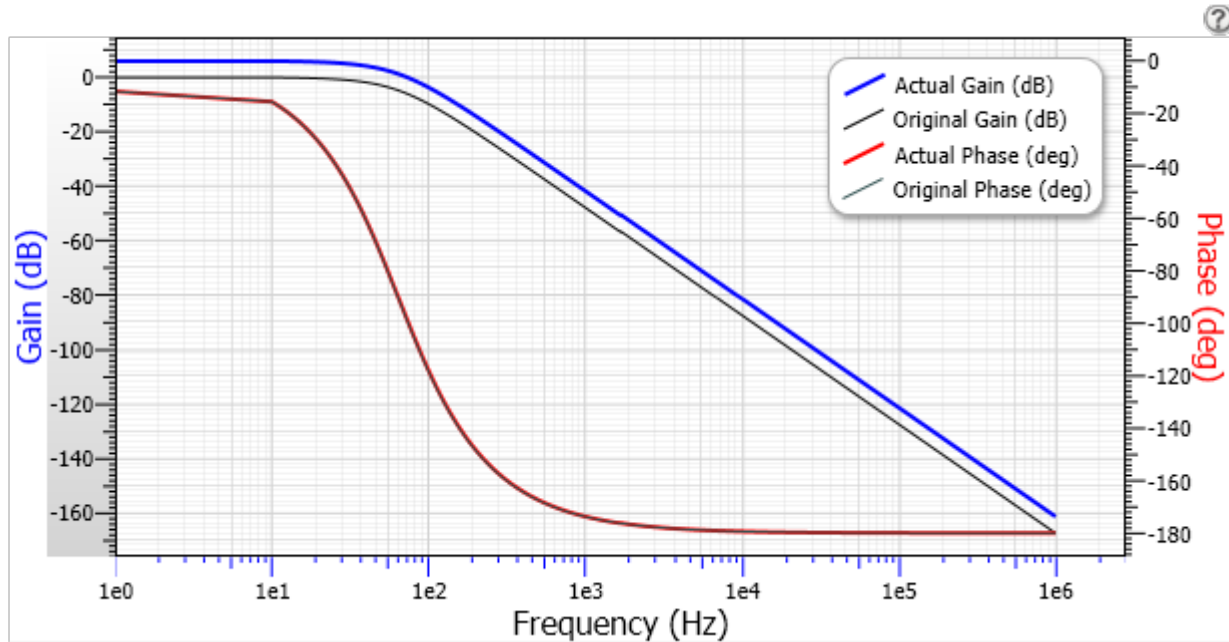


Filter Stage:	1
Passband Gain(Ao) :	2
Cutoff Frequency (fn):	63,7 Hz
QualityFactor (Q):	0,58
Filter Response:	Bessel
Circuit Topology:	SallenKey
Min GBW reqd.:	7,3892 kHz

FilterPro Design Report

Frequency and Phase Responses

Design Name: Lowpass, Sallen Key, Bessel **Part:** Ideal Opamp **Order:** 2 **Stages:** 1
Gain: 2 V/V (6,02059991327962 dB) **Allowable PassBand Ripple:** 3 dB **Passband Frequency:** 50 Hz
Corner Frequency Attenuation: 3,021 dB



FilterPro Design Report

Bill of Materials

Design Name: Lowpass, Sallen Key, Bessel **Part:** Ideal Opamp **Order:** 2 **Stages:** 1
Gain: 2 V/V (6,02059991327962 dB) **Allowable PassBand Ripple:** 3 dB **Passband Frequency:** 50 Hz
Corner Frequency Attenuation: 3,021 dB

Element ID	Quantity	Part Number	Value	Tolerance	Description	Manufacturer
R1 (Stage 1)	1	Standard	2,61K Ω	E96: 1%	Resistor	
R2 (Stage 1)	1	Standard	3,48K Ω	E96: 1%	Resistor	
C1 (Stage 1)	1	Standard	1uF	E12: 10%	Capacitor	
C2 (Stage 1)	1	Standard	680nF	E12: 10%	Capacitor	
R3 (Stage 1)	1	Standard	2,49K Ω	E96: 1%	Resistor	
R4 (Stage 1)	1	Standard	2,49K Ω	E96: 1%	Resistor	
OpAmp (Stage 1)	1	Standard			Ideal OpAmp	

FilterPro Design Report

Design Notes

Design Name: Lowpass, Sallen Key, Bessel **Part:** Ideal Opamp **Order:** 2 **Stages:** 1
Gain: 2 V/V (6,02059991327962 dB) **Allowable PassBand Ripple:** 3 dB **Passband Frequency:** 50 Hz
Corner Frequency Attenuation: 3,021 dB