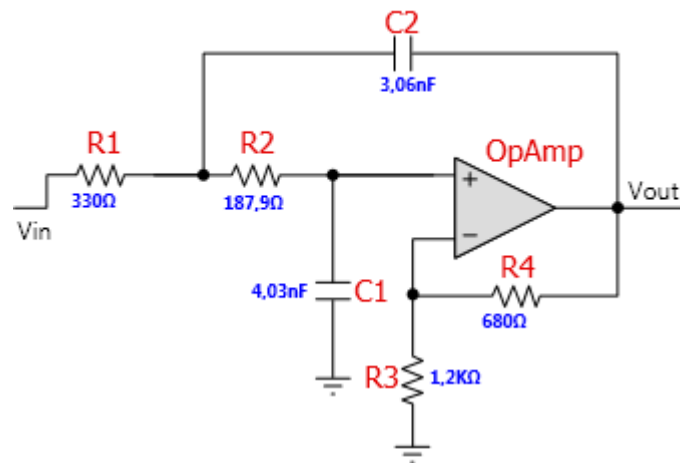


FilterPro Design Report

Schematic

Design Name: Lowpass, Sallen Key, Bessel
Gain: 1,567 V/V (3,9013799293718 dB)
Corner Frequency Attenuation: 0,901 dB

Part: Ideal Opamp **Order:** 2 **Stages:** 1
Allowable PassBand Ripple: 1 dB **Passband Frequency:** 143 kHz



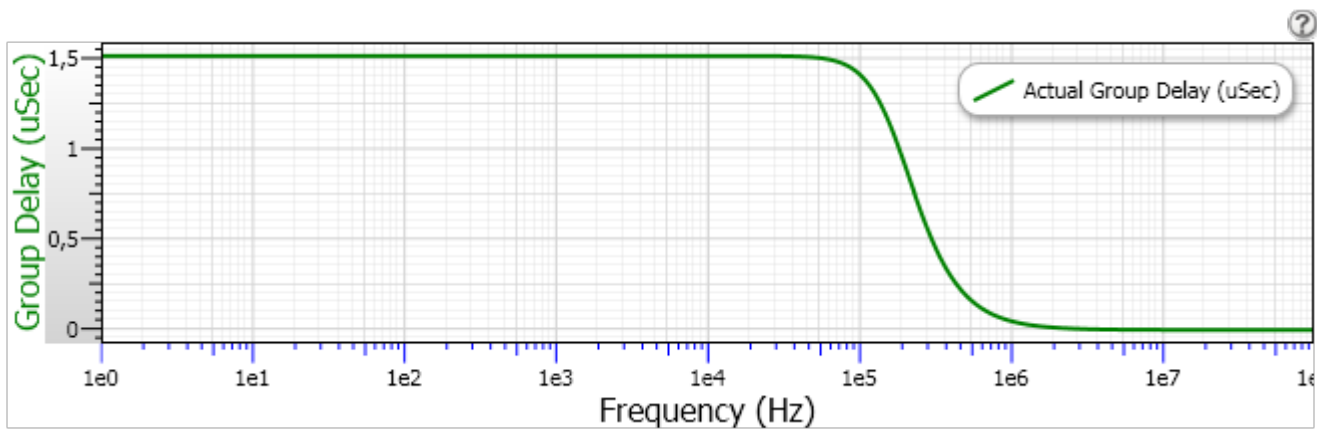
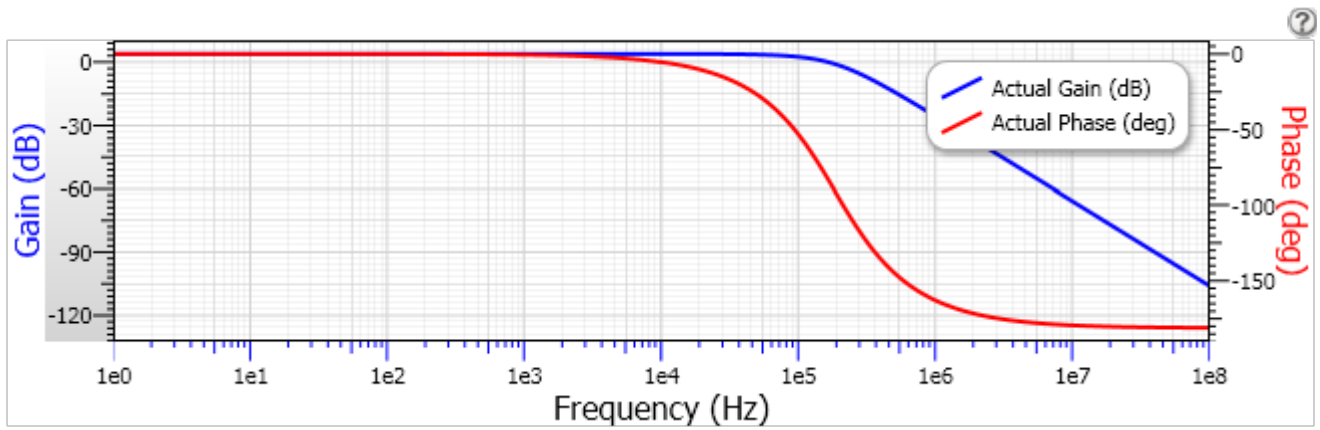
Filter Stage:	1
Passband Gain(Ao) :	1,567
Cutoff Frequency (fn):	182,182 kHz
QualityFactor (Q):	0,58
Filter Response:	Bessel
Circuit Topology:	SallenKey
Min GBW reqd.:	16,5578 MHz

FilterPro Design Report

Frequency and Phase Responses

Design Name: Lowpass, Sallen Key, Bessel
Gain: 1,567 V/V (3,9013799293718 dB)
Corner Frequency Attenuation: 0,901 dB

Part: Ideal Opamp **Order:** 2 **Stages:** 1
Allowable PassBand Ripple: 1 dB **Passband Frequency:** 143 kHz



FilterPro Design Report Bill of Materials

Design Name: Lowpass, Sallen Key, Bessel
Gain: 1,567 V/V (3,9013799293718 dB)
Corner Frequency Attenuation: 0,901 dB

Part: Ideal Opamp **Order:** 2 **Stages:** 1
Allowable PassBand Ripple: 1 dB **Passband Frequency:** 143 kHz

Element ID	Quantity	Part Number	Value	Tolerance	Description	Manufacturer
R1 (Stage 1)	1	Standard	330Ω	Exact: 0%	Resistor	
R2 (Stage 1)	1	Standard	187,9Ω	Exact: 0%	Resistor	
C1 (Stage 1)	1	Standard	4,03nF	Exact: 0%	Capacitor	
C2 (Stage 1)	1	Standard	3,06nF	Exact: 0%	Capacitor	
R3 (Stage 1)	1	Standard	1,2KΩ	Exact: 0%	Resistor	
R4 (Stage 1)	1	Standard	680Ω	Exact: 0%	Resistor	
OpAmp (Stage 1)	1	Standard			Ideal OpAmp	

FilterPro Design Report

Design Notes

Design Name: Lowpass, Sallen Key, Bessel
Gain: 1,567 V/V (3,9013799293718 dB)
Corner Frequency Attenuation: 0,901 dB

Part: Ideal Opamp **Order:** 2 **Stages:** 1
Allowable PassBand Ripple: 1 dB **Passband Frequency:** 143 kHz