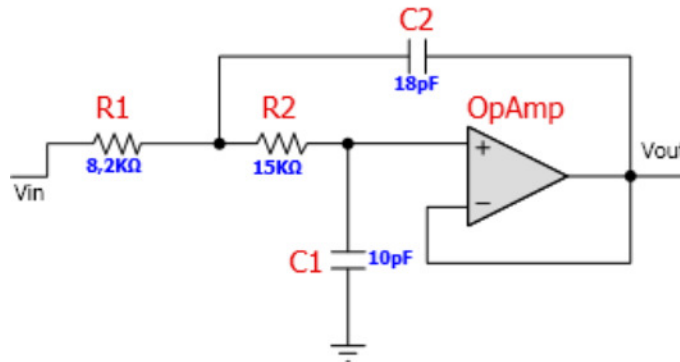


FilterPro Design Report

Schematic

Design Name: Lowpass, Sallen Key, Linear Phase 0,5° **Part:** Ideal Opamp **Order:** 2 **Stages:** 1
Gain: 1 V/V (0 dB) **Allowable PassBand Ripple:** 1 dB **Passband Frequency:** 1 MHz
Corner Frequency Attenuation: -3 dB

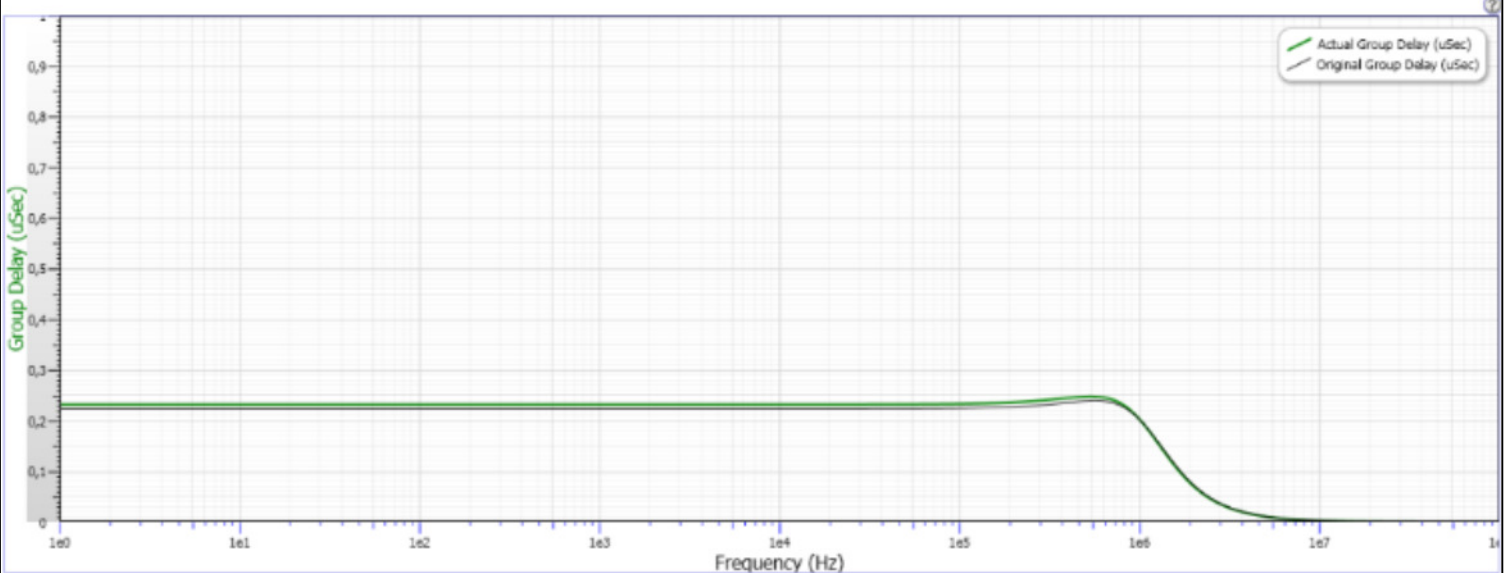
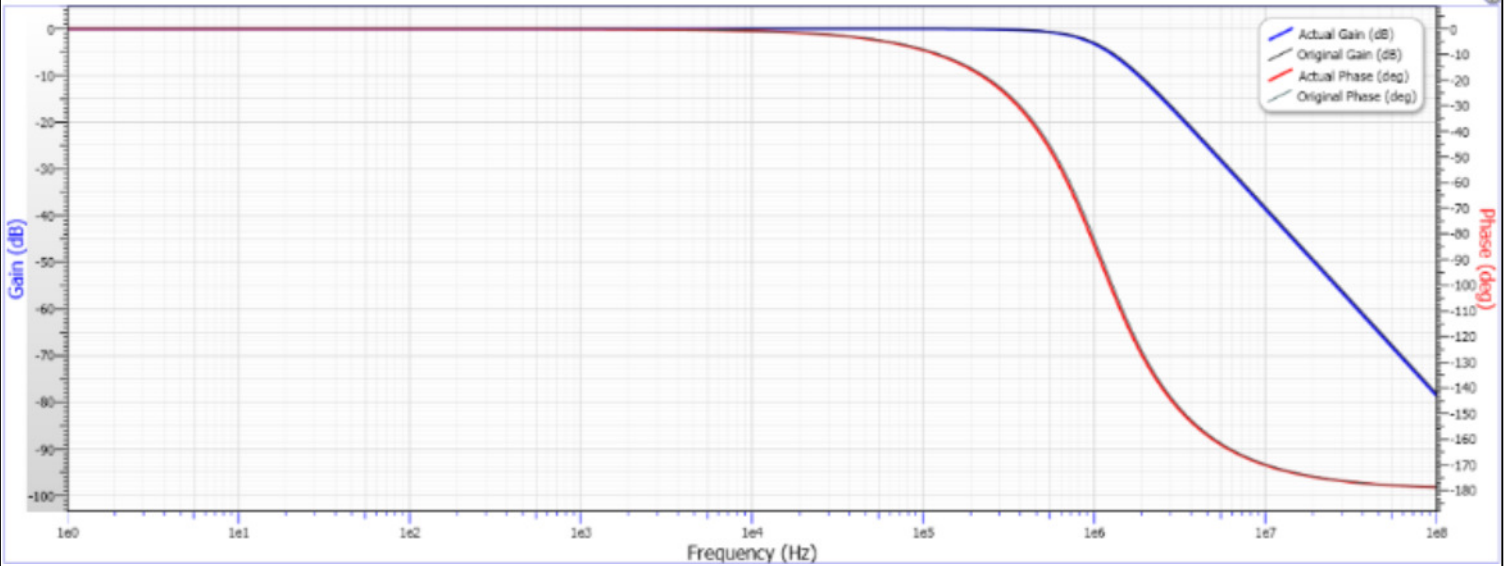


Filter Stage:	1
Passband Gain(Ao):	1
Cutoff Frequency(fn):	1,107 MHz
QualityFactor (Q):	0,64
Filter Response:	LinearPhase_05
Circuit Topology:	SallenKey
Min GBW reqd.:	70,848 MHz

FilterPro Design Report

Frequency and Phase Responses

Design Name: Lowpass, Sallen Key, Linear Phase 0,5° **Part:** Ideal Opamp **Order:** 2 **Stages:** 1
Gain: 1 V/V (0 dB) **Allowable PassBand Ripple:** 1 dB **Passband Frequency:** 1 MHz
Corner Frequency Attenuation: -3 dB



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Bill of Materials

Design Name: Lowpass, Sallen Key, Linear Phase 0,5° **Part:** Ideal Opamp **Order:** 2 **Stages:** 1
Gain: 1 V/V (0 dB) **Allowable PassBand Ripple:** 1 dB **Passband Frequency:** 1 MHz
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	10pF	E12: 10%	Capacitor	
C2 (Stage 1)	1	Standard	18pF	E12: 10%	Capacitor	
OpAmp (Stage 1)	1	Standard			Ideal OpAmp	

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Design Notes

Design Name: Lowpass, Sallen Key, Linear Phase 0,5° **Part:** Ideal Opamp **Order:** 2 **Stages:** 1
Gain: 1 V/V (0 dB) **Allowable PassBand Ripple:** 1 dB **Passband Frequency:** 1 MHz
Corner Frequency Attenuation: -3 dB