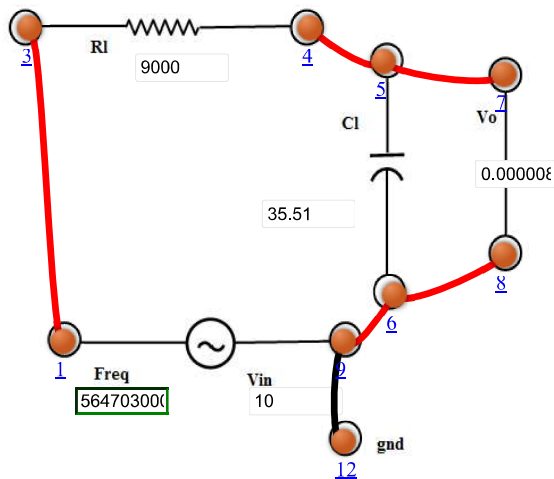


RC Frequency Response-LPF

INSTRUCTION



Frequency Response of 1st order low pass filter

CONTROLS

Load Resistance (R_L) : Ω
 Load Capacitor (C_L) : nF
 Input Voltage (V_{in}) : V
 Frequency (Freq) : Hz

Add to Table

Frequency Resp ▾

Clear

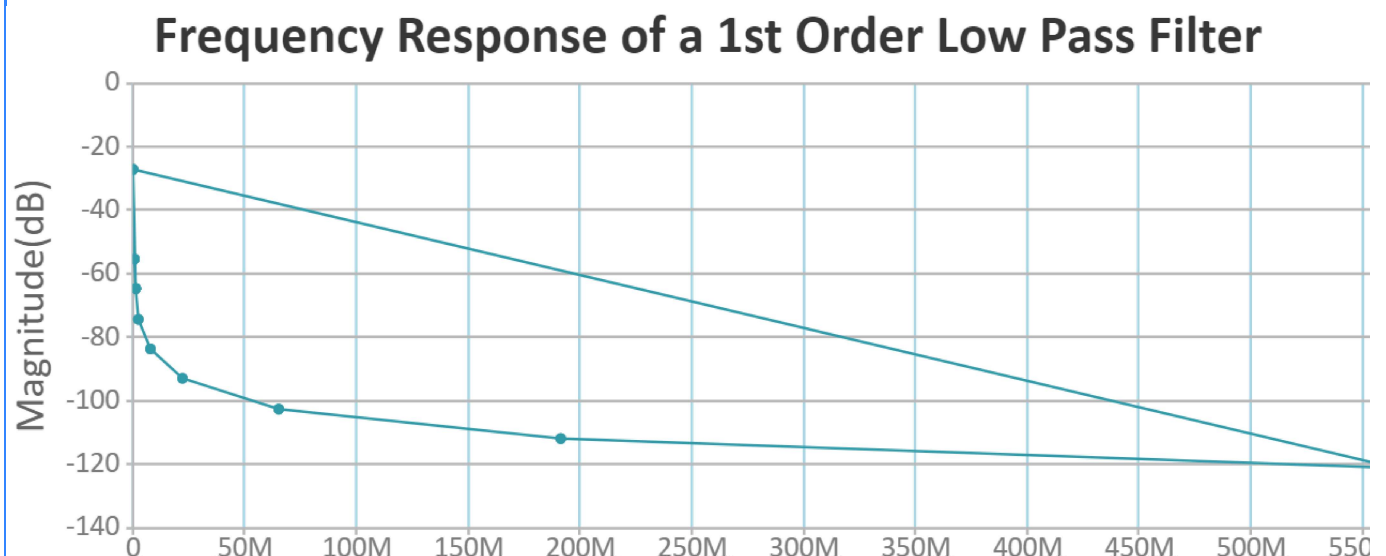
Check connection

Delete all connection

EXPERIMENTAL TABLE

Serial No.	Frequency(Hz)	Magnitude(dB)	Phase(theta)	Outp Voltage
1	854713	-64.6874	-90.0122	0.00582
2	2522440	-74.0874	-90.0343	0.00197
3	7444240	-83.4874	-90.0418	0.00066
4	21969500	-92.88740000000001	-90.0443	0.00022
5	64836600	-102.2874	-90.0452	0.00007
6	191346000	-111.6874	-90.0455	0.00002
7	564703000	-121.08739999999999	-90.0456	0.00000
1	11267	-27.096	-87.5123	0.44178
2	289614	-55.2874	-89.9470	0.01720
1	854713	-64.6874	-90.0122	0.00582

GRAPH PLOT



Frequency(Hz)

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