

PZ Simulation Results: VDD > 5V

Verifying the Impact of Pole-Zero Effects

Poles (Hz)			
	Real	Imaginary	Qfactor
1	-2.13962e+03	0.00000e+00	5.00000e-01
2	-1.22500e+04	0.00000e+00	5.00000e-01
3	-1.96756e+06	0.00000e+00	5.00000e-01
4	-2.86948e+06	0.00000e+00	5.00000e-01
5	-4.28547e+06	0.00000e+00	5.00000e-01
6	-4.42992e+06	+/- 2.20145e+06	5.58337e-01
7	-5.06209e+06	0.00000e+00	5.00000e-01
8	-8.87470e+06	0.00000e+00	5.00000e-01
9	-9.68496e+06	0.00000e+00	5.00000e-01
10	-1.03277e+07	0.00000e+00	5.00000e-01
11	-1.03475e+07	0.00000e+00	5.00000e-01
12	-1.31893e+07	0.00000e+00	5.00000e-01
13	-1.57670e+07	+/- 3.67709e+06	5.13417e-01
14	-2.20191e+07	0.00000e+00	5.00000e-01
15	-2.56050e+07	+/- 9.21639e+06	5.31404e-01
16	-2.91334e+07	0.00000e+00	5.00000e-01
17	-4.11328e+07	0.00000e+00	5.00000e-01
18	-6.35677e+07	0.00000e+00	5.00000e-01
19	-3.31219e+07	+/- 5.66772e+07	9.90973e-01
20	-9.26674e+07	0.00000e+00	5.00000e-01
21	-9.63603e+07	0.00000e+00	5.00000e-01
22	-1.24498e+08	0.00000e+00	5.00000e-01
23	-1.62526e+08	0.00000e+00	5.00000e-01
24	-1.83634e+08	0.00000e+00	5.00000e-01
25	-1.93914e+08	0.00000e+00	5.00000e-01
26	-2.45153e+08	0.00000e+00	5.00000e-01
27	-3.03341e+08	0.00000e+00	5.00000e-01
28	-3.85840e+08	0.00000e+00	5.00000e-01
29	-6.60552e+08	0.00000e+00	5.00000e-01
30	-9.96381e+08	0.00000e+00	5.00000e-01
31	-1.31700e+09	0.00000e+00	5.00000e-01
32	-1.75006e+09	0.00000e+00	5.00000e-01
33	-2.25389e+09	0.00000e+00	5.00000e-01
34	-2.73967e+09	0.00000e+00	5.00000e-01
35	-4.58393e+09	0.00000e+00	5.00000e-01
36	-7.06611e+11	0.00000e+00	5.00000e-01

7-1111 / 11-1

Zeros (Hz)
at V(net79, GND)/PORT1

	Real	Imaginary	Qfactor
1	-6.72793e-01	0.00000e+00	5.00000e-01
2	3.28954e+04	0.00000e+00	-5.00000e-01
3	-6.44123e+04	0.00000e+00	5.00000e-01
4	-2.25003e+06	0.00000e+00	5.00000e-01
5	-3.08755e+06	0.00000e+00	5.00000e-01
6	-4.56534e+06	0.00000e+00	5.00000e-01
7	-4.39705e+06	+/- 2.56101e+06	5.78626e-01
8	-7.58762e+06	+/- 3.36882e+06	5.47066e-01
9	8.43080e+06	0.00000e+00	-5.00000e-01
10	-8.49167e+06	0.00000e+00	5.00000e-01
11	-1.03493e+07	0.00000e+00	5.00000e-01
12	-1.35096e+07	+/- 3.66979e+06	5.18119e-01
13	-1.57375e+07	0.00000e+00	5.00000e-01
14	-2.34105e+07	0.00000e+00	5.00000e-01
15	-2.41657e+07	0.00000e+00	5.00000e-01
16	-4.12365e+07	0.00000e+00	5.00000e-01
17	-9.23474e+07	0.00000e+00	5.00000e-01
18	-9.69829e+07	0.00000e+00	5.00000e-01
19	-1.44720e+07	+/- 1.05003e+08	3.66208e+00
20	-1.24482e+08	0.00000e+00	5.00000e-01
21	-1.43247e+08	0.00000e+00	5.00000e-01
22	-1.62480e+08	0.00000e+00	5.00000e-01
23	-1.83498e+08	0.00000e+00	5.00000e-01
24	-1.93844e+08	0.00000e+00	5.00000e-01
25	-2.44565e+08	0.00000e+00	5.00000e-01
26	-3.03077e+08	0.00000e+00	5.00000e-01
27	-3.85399e+08	0.00000e+00	5.00000e-01
28	-6.60273e+08	0.00000e+00	5.00000e-01
29	-9.95961e+08	0.00000e+00	5.00000e-01
30	-1.31648e+09	0.00000e+00	5.00000e-01
31	-1.74976e+09	0.00000e+00	5.00000e-01
32	-2.25350e+09	0.00000e+00	5.00000e-01
33	-2.73922e+09	0.00000e+00	5.00000e-01
34	-4.58344e+09	0.00000e+00	5.00000e-01
35	-7.01419e+11	0.00000e+00	5.00000e-01

Constant factor = 2.04035e+03

DC gain = 1.66311e-10

Accumulated DC solution time = 154.067 ms.