

Circuit: * C:\Users\Acer\SIM\last\srpp-6h30.asc

WARNING: Less than two connections to node NC_01. This node is used by D1.
Direct Newton iteration for .op point succeeded.

.step res=16

N-Period=1

Fourier components of V(out1)

DC component:-0.0602666

Harmonic Number	Frequency [Hz]	Fourier Component	Normalized Component	Phase [degree]
1	1.000e+03	3.061e+00	1.000e+00	179.91°
2	2.000e+03	6.167e-02	2.014e-02	90.32°
3	3.000e+03	2.029e-02	6.629e-03	179.93°
4	4.000e+03	2.794e-03	9.127e-04	-92.37°
5	5.000e+03	5.534e-04	1.808e-04	0.02°
6	6.000e+03	1.549e-04	5.060e-05	120.26°
7	7.000e+03	8.270e-05	2.702e-05	-179.98°
8	8.000e+03	5.867e-05	1.916e-05	-175.70°
9	9.000e+03	5.183e-05	1.693e-05	-179.99°

Total Harmonic Distortion: 2.122809%(2.122815%)

N-Period=1

Fourier components of V(out2)

DC component:0.00734733

Harmonic Number	Frequency [Hz]	Fourier Component	Normalized Component	Phase [degree]
1	1.000e+03	5.217e-01	1.000e+00	-179.98°
2	2.000e+03	7.086e-03	1.358e-02	-89.87°
3	3.000e+03	6.938e-03	1.330e-02	-179.96°
4	4.000e+03	1.678e-04	3.216e-04	-89.69°
5	5.000e+03	1.396e-04	2.675e-04	0.07°
6	6.000e+03	3.785e-05	7.255e-05	88.85°
7	7.000e+03	2.127e-06	4.077e-06	0.66°
8	8.000e+03	1.940e-06	3.719e-06	-71.75°
9	9.000e+03	4.481e-07	8.588e-07	1.15°

Total Harmonic Distortion: 1.901429%(1.901429%)

.fourier quantity "V(out)" not present in data.

.step res=32

N-Period=1

Fourier components of V(out1)

DC component:-0.053599

Harmonic Number	Frequency [Hz]	Fourier Component	Normalized Component	Phase [degree]
1	1.000e+03	3.549e+00	1.000e+00	179.94°
2	2.000e+03	5.570e-02	1.570e-02	90.31°
3	3.000e+03	2.605e-02	7.341e-03	179.96°
4	4.000e+03	2.886e-03	8.133e-04	-92.02°
5	5.000e+03	6.654e-04	1.875e-04	0.03°
6	6.000e+03	1.727e-04	4.866e-05	113.46°
7	7.000e+03	7.347e-05	2.070e-05	-179.99°
8	8.000e+03	5.178e-05	1.459e-05	-173.80°
9	9.000e+03	4.567e-05	1.287e-05	180.00°

Total Harmonic Distortion: 1.734731%(1.734735%)

N-Period=1

Fourier components of V(out2)

DC component:0.0130504

Harmonic Number	Frequency [Hz]	Fourier Component	Normalized Component	Phase [degree]
1	1.000e+03	1.028e+00	1.000e+00	-179.98°
2	2.000e+03	1.252e-02	1.217e-02	-89.86°
3	3.000e+03	1.317e-02	1.281e-02	-179.96°
4	4.000e+03	3.405e-04	3.312e-04	-89.74°
5	5.000e+03	2.658e-04	2.585e-04	0.07°
6	6.000e+03	6.805e-05	6.618e-05	88.88°
7	7.000e+03	2.983e-06	2.902e-06	0.76°
8	8.000e+03	3.400e-06	3.307e-06	-71.81°
9	9.000e+03	7.862e-07	7.647e-07	1.06°
Total Harmonic Distortion: 1.767853%(1.767853%)				

.step res=64

N-Period=1

Fourier components of V(out1)

DC component:-0.0443143

Harmonic Number	Frequency [Hz]	Fourier Component	Normalized Component	Phase [degree]
1	1.000e+03	4.482e+00	1.000e+00	179.97°
2	2.000e+03	4.793e-02	1.069e-02	90.26°
3	3.000e+03	3.585e-02	7.998e-03	180.00°
4	4.000e+03	3.098e-03	6.912e-04	-91.48°
5	5.000e+03	8.522e-04	1.901e-04	0.04°
6	6.000e+03	1.995e-04	4.451e-05	105.66°
7	7.000e+03	6.050e-05	1.350e-05	179.99°
8	8.000e+03	4.089e-05	9.123e-06	-170.13°
9	9.000e+03	3.579e-05	7.985e-06	179.99°
Total Harmonic Distortion: 1.337222%(1.337224%)				

N-Period=1

Fourier components of V(out2)

DC component:0.0202517

Harmonic Number	Frequency [Hz]	Fourier Component	Normalized Component	Phase [degree]
1	1.000e+03	1.998e+00	1.000e+00	-179.99°
2	2.000e+03	1.915e-02	9.585e-03	-89.85°
3	3.000e+03	2.380e-02	1.192e-02	-179.96°
4	4.000e+03	7.032e-04	3.520e-04	-89.82°
5	5.000e+03	4.798e-04	2.402e-04	0.07°
6	6.000e+03	1.113e-04	5.573e-05	88.97°
7	7.000e+03	2.126e-06	1.064e-06	1.46°
8	8.000e+03	5.233e-06	2.620e-06	-72.23°
9	9.000e+03	1.205e-06	6.032e-07	0.99°
Total Harmonic Distortion: 1.529850%(1.529850%)				

.step res=128

N-Period=1

Fourier components of V(out1)

DC component:-0.0380704

Harmonic Number	Frequency [Hz]	Fourier Component	Normalized Component	Phase [degree]
1	1.000e+03	6.196e+00	1.000e+00	-179.99°
2	2.000e+03	4.500e-02	7.263e-03	90.15°
3	3.000e+03	5.005e-02	8.077e-03	-179.98°
4	4.000e+03	3.612e-03	5.829e-04	-90.84°
5	5.000e+03	1.097e-03	1.771e-04	0.05°
6	6.000e+03	2.252e-04	3.635e-05	99.12°

7	7.000e+03	4.861e-05	7.846e-06	179.98°
8	8.000e+03	2.773e-05	4.476e-06	-163.99°
9	9.000e+03	2.364e-05	3.814e-06	179.97°

Total Harmonic Distortion: 1.087961%(1.087961%)

N-Period=1

Fourier components of V(out2)

DC component:0.0219319

Harmonic Number	Frequency [Hz]	Fourier Component	Normalized Component	Phase [degree]
1	1.000e+03	3.778e+00	1.000e+00	-179.99°
2	2.000e+03	1.963e-02	5.195e-03	-89.81°
3	3.000e+03	3.931e-02	1.041e-02	-179.97°
4	4.000e+03	1.484e-03	3.929e-04	-89.93°
5	5.000e+03	7.745e-04	2.050e-04	0.06°
6	6.000e+03	1.563e-04	4.136e-05	89.25°
7	7.000e+03	4.313e-06	1.141e-06	179.40°
8	8.000e+03	6.297e-06	1.667e-06	-74.89°
9	9.000e+03	1.324e-06	3.505e-07	0.80°

Total Harmonic Distortion: 1.163815%(1.163815%)

.step res=300

N-Period=1

Fourier components of V(out1)

DC component:-0.063909

Harmonic Number	Frequency [Hz]	Fourier Component	Normalized Component	Phase [degree]
1	1.000e+03	9.986e+00	1.000e+00	-179.95°
2	2.000e+03	7.998e-02	8.009e-03	90.06°
3	3.000e+03	6.794e-02	6.804e-03	-179.97°
4	4.000e+03	5.090e-03	5.098e-04	-90.49°
5	5.000e+03	1.254e-03	1.256e-04	0.04°
6	6.000e+03	2.260e-04	2.263e-05	97.49°
7	7.000e+03	5.201e-05	5.208e-06	-179.97°
8	8.000e+03	2.277e-05	2.280e-06	-165.15°
9	9.000e+03	1.921e-05	1.924e-06	-179.97°

Total Harmonic Distortion: 1.052219%(1.052219%)

N-Period=1

Fourier components of V(out2)

DC component:-0.0167083

Harmonic Number	Frequency [Hz]	Fourier Component	Normalized Component	Phase [degree]
1	1.000e+03	7.715e+00	1.000e+00	-179.99°
2	2.000e+03	2.197e-02	2.847e-03	89.85°
3	3.000e+03	5.925e-02	7.679e-03	-179.98°
4	4.000e+03	3.519e-03	4.562e-04	-90.05°
5	5.000e+03	1.037e-03	1.344e-04	0.03°
6	6.000e+03	1.810e-04	2.347e-05	90.41°
7	7.000e+03	2.071e-05	2.685e-06	-179.96°
8	8.000e+03	4.972e-06	6.445e-07	-100.64°
9	9.000e+03	5.758e-07	7.464e-08	-179.18°

Total Harmonic Distortion: 0.820413%(0.820413%)

.step res=600

N-Period=1

Fourier components of V(out1)

DC component:-0.142754

Harmonic	Frequency	Fourier	Normalized	Phase
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Number	[Hz]	Component	Component	[degree]
1	1.000e+03	1.465e+01	1.000e+00	-179.93°
2	2.000e+03	1.711e-01	1.168e-02	90.09°
3	3.000e+03	7.504e-02	5.122e-03	-179.98°
4	4.000e+03	6.403e-03	4.370e-04	-90.83°
5	5.000e+03	1.092e-03	7.455e-05	0.02°
6	6.000e+03	1.969e-04	1.344e-05	108.67°
7	7.000e+03	8.005e-05	5.463e-06	-179.96°
8	8.000e+03	4.739e-05	3.235e-06	-175.46°
9	9.000e+03	4.161e-05	2.840e-06	-179.96°

Total Harmonic Distortion: 1.276267%(1.276267%)

N-Period=1

Fourier components of V(out2)

DC component:-0.114539

Harmonic Number	Frequency [Hz]	Fourier Component	Normalized Component	Phase [degree]
1	1.000e+03	1.256e+01	1.000e+00	-180.00°
2	2.000e+03	1.225e-01	9.753e-03	89.99°
3	3.000e+03	6.780e-02	5.397e-03	-180.00°
4	4.000e+03	5.435e-03	4.327e-04	-90.11°
5	5.000e+03	9.954e-04	7.923e-05	0.00°
6	6.000e+03	1.621e-04	1.290e-05	92.53°
7	7.000e+03	2.837e-05	2.258e-06	-179.92°
8	8.000e+03	6.261e-06	4.984e-07	-148.72°
9	9.000e+03	4.426e-06	3.523e-07	-179.68°

Total Harmonic Distortion: 1.115503%(1.115503%)

Date: Wed May 11 13:47:21 2016

Total elapsed time: 2.311 seconds.

tnom = 27

temp = 27

method = Gear

totiter = 9918

traniter = 9912

tranpoints = 4952

accept = 4952

rejected = 0

matrix size = 30

fillins = 6

solver = Normal

Matrix Compiler1: 1.57 KB object code size 1.7/1.5/[1.2]

Matrix Compiler2: off [1.4]/1.7/1.9