

```

V(4:xq13)      1.198717e+000
V(4:xq17)      -3.41271e-001
V(4:xq18)      7.714955e-001
V(4:xq12)      -5.48274e+001
V(4:xq11)      -1.95219e-001
V(4:xq10)      -4.63299e-003
V(4:xq9)       5.482894e+001
V(4:xq8)       6.242933e-001
V(4:xq7)       -4.27800e-003
V(4:xq5)       -5.48728e+001
V(4:xq4)       5.505130e+001

```

```

Source      Current
-----

```

```

v1#branch -3.23563e-006
v2#branch -3.43061e-002
v3#branch -3.42988e-002
v4#branch -2.99792e-002
v5#branch -3.00068e-002
d1#internal -5.48494e+001
d2#internal -5.54251e+001
d3#internal 5.599911e+001
d4#internal 5.541318e+001
d5#internal 6.239914e-001
d6#internal 1.852119e-001
d7#internal -4.88379e-003
d8#internal 5.599912e+001
d9#internal 5.541349e+001
d10#internal -5.54145e+001
d11#internal -5.48281e+001
d14#internal 2.149856e-001
d15#internal -5.00000e+001

```

Circuit: C:\SPICE8\SED\MYSOLIDSTATE\100W DIST. RESULTS.CIR SETUP1

Date: Mon Mar 16 14:04:33 2009

Fourier analysis for v(27):

No. Harmonics: 10, THD: 0.00810812 %, Gridsize: 200, Interpolation Degree: 1

Harmonic	Frequency	Magnitude	Phase	Norm. Mag	Norm. Phase
0	0	0.213464	0	0	0
1	1000	29.0443	-0.065152	1	0
2	2000	0.00203387	108.134	7.00263e-005	108.199
3	3000	0.000695847	69.9243	2.39581e-005	69.9894
4	4000	0.000401312	84.4979	1.38172e-005	84.5631
5	5000	0.000387611	85.2248	1.33455e-005	85.2899
6	6000	0.000395252	84.7718	1.36086e-005	84.837
7	7000	0.000394262	84.0539	1.35745e-005	84.1191
8	8000	0.000390833	82.0972	1.34564e-005	82.1624
9	9000	0.000386333	80.3686	1.33015e-005	80.4337

**** Mon Mar 16 14:04:29 2009 **** IsSpice4 ver. 8.8 Build 1726 **** 8/15/01 ****

C:\SPICE8\SED\MYSOLIDSTATE\100W DIST. RESULTS.CIR SETUP1

**** AC ANALYSIS Temperature = 45 Deg C ****

FREQUENCY	IMAGINARY	VDB(VY1)	PHASE(VY1)	INDEX
1.000000e+000,	0.000000e+000	2.927268e+001	-1.525041e-003	0
1.006956e+000,	0.000000e+000	2.927268e+001	-1.528265e-003	1
1.013959e+000,	0.000000e+000	2.927268e+001	-1.531432e-003	2
1.021012e+000,	0.000000e+000	2.927267e+001	-1.534542e-003	3
1.028114e+000,	0.000000e+000	2.927267e+001	-1.537594e-003	4
1.035265e+000,	0.000000e+000	2.927267e+001	-1.540587e-003	5
1.042466e+000,	0.000000e+000	2.927267e+001	-1.543521e-003	6
1.049717e+000,	0.000000e+000	2.927267e+001	-1.546395e-003	7
1.057018e+000,	0.000000e+000	2.927267e+001	-1.549210e-003	8
1.064370e+000,	0.000000e+000	2.927267e+001	-1.551963e-003	9
1.071773e+000,	0.000000e+000	2.927266e+001	-1.554656e-003	10
1.079228e+000,	0.000000e+000	2.927266e+001	-1.557286e-003	11
1.086735e+000,	0.000000e+000	2.927266e+001	-1.559855e-003	12