.tran 0.5ms 5ms

\* From [PSPICE NETLIST] section of c:\program files\PSpice\PSpice.ini:

.lib "nom.lib"

.INC "rss darlington.net"

\* Schematics Netlist \*

V\_V1 0 $N\_0001 18V

C\_C4 $N\_0002 $N\_0003 0.5uF

R\_R2 0 $N\_0002 390K

R\_R4 $N\_0004 $N\_0001 3.3K

Q\_Q1 $N\_0001 $N\_0004 $N\_0005 Q2N1420

Q\_Q2 $N\_0001 $N\_0005 $N\_0002 Q2N1420

C\_C3 $N\_0006 $N\_0004 0.5uF

R\_R3 0 $N\_0003 1000K

V\_V6 $N\_0006 0 DC 0 AC 100mV

+SIN 0 100mV 1khz 0 0 0

.PROBE V(\*) I(\*) W(\*) D(\*) NOISE(\*)

.END

Q2N1420

NPN

IS 14.340000E-15

BF 255.9

NF 1

VAF 74.03

IKF .2847

ISE 14.340000E-15

NE 1.307

BR 6.092

NR 1

RB 10

RC 1

CJE 22.010000E-12

MJE .377

CJC 9.393000E-12

MJC .3416

TF 410.000000E-12

XTF 3

VTF 1.7

ITF .6

TR 46.910000E-09

XTB 1.5

CN 2.42

D .87

NODE VOLTAGE NODE VOLTAGE NODE VOLTAGE NODE VOLTAGE

($N\_0001) -18.0000 ($N\_0002)-7.080E-06

($N\_0003) 0.0000 ($N\_0004) -18.0000

($N\_0005) -17.9560 ($N\_0006) 0.0000

VOLTAGE SOURCE CURRENTS

NAME CURRENT

V\_V1 -1.815E-11

V\_V6 0.000E+00

TOTAL POWER DISSIPATION 3.27E-10 WATTS

JOB CONCLUDED

TOTAL JOB TIME 0.00

