```
 1: □
 2: **** 10/29/06 20:02:45 ************** PSpice Lite (Mar 2000) *****************
 3:
 4:  ** Profile: "SCHEMATIC2-transient analysis"  [ C:\Documents and Settings\usf\courses\EEL 3302\EEL 3302 FILES\cad_1-SCHEMA
    TIC2-transi
 5:
 6:
 7:  ****     CIRCUIT DESCRIPTION
 8:
 9:
10: ******************************************************************************
11:
12:
13:
14:
15: ** Creating circuit file "cad_1-SCHEMATIC2-transient analysis.sim.cir"
16: ** WARNING: THIS AUTOMATICALLY GENERATED FILE MAY BE OVERWRITTEN BY SUBSEQUENT SIMULATIONS
17:
18: *Libraries:
19: * Local Libraries :
20: * From [PSPICE NETLIST] section of C:\Program Files\OrcadLite\PSpice\PSpice.ini file:
21: .lib "nom.lib"
22:
23: *Analysis directives:
24: .TRAN  0 0.05 0 1.0E-04
25: .PROBE V(*) I(*) W(*) D(*) NOISE(*)
26: .INC ".\cad_1-SCHEMATIC2.net"
27:
28:
29:
30: **** INCLUDING cad_1-SCHEMATIC2.net ****
31: * source CAD_1
32: V_V1         N06725 0
33: +SIN 0.7V 0.1V 60Hz 0 0 0
34: D_D1         N06725 0 D1N4002
35:
36: **** RESUMING "cad_1-SCHEMATIC2-transient analysis.sim.cir" ****
37: .END
38: □
39: **** 10/29/06 20:02:45 ************** PSpice Lite (Mar 2000) *****************
40:
41:  ** Profile: "SCHEMATIC2-transient analysis"  [ C:\Documents and Settings\usf\courses\EEL 3302\EEL 3302 FILES\cad_1-SCHEMA
    TIC2-transi
42:
43:
44:  ****     Diode MODEL PARAMETERS
45:
46:
47: ******************************************************************************
48:
49:
50:
```

```
51:
52:               D1N4002
53:           IS   14.110000E-09
54:            N    1.984
55:          ISR  100.000000E-12
56:          IKF   94.81
57:           BV  100.1
58:          IBV   10
59:           RS     .03389
60:           TT    4.761000E-06
61:          CJO   51.170000E-12
62:           VJ     .3905
63:            M     .2762
64:
65:
66: **** 10/29/06 20:02:45 ************** PSpice Lite (Mar 2000) *****************
67:
68:  ** Profile: "SCHEMATIC2-transient analysis"  [ C:\Documents and Settings\usf\courses\EEL 3302\EEL 3302 FILES\cad_1-SCHEMA
    TIC2-transi
69:
70:
71:  ****     INITIAL TRANSIENT SOLUTION       TEMPERATURE =   27.000 DEG C
72:
73:
74: ********************************************************************************
75:
76:
77:
78:  NODE   VOLTAGE     NODE   VOLTAGE     NODE   VOLTAGE     NODE   VOLTAGE
79:
80:
81: (N06725)     .7000
82:
83:
84:
85:
86:     VOLTAGE SOURCE CURRENTS
87:     NAME         CURRENT
88:
89:     V_V1        -1.183E-02
90:
91:     TOTAL POWER DISSIPATION   8.28E-03  WATTS
92:
93:
94:
95:           JOB CONCLUDED
96:
97:           TOTAL JOB TIME            .06
98:
```