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C:\MC7\PROJECTS\DFL\NK_SIM1\DFLFILT3K5MA.CIR Transient Analysis
* SSEC / UW-Madison Nobuyoshi Kitamura
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C1 9 10 3.6N
C2 2 11 330N
C3 Out+ 12 330N
L1 2 1 39U
L2 6 5 39U
L3 4 Out+ 39U
L4 8 Out- 39U
R1 1 2 86.6
R2 Out+ 4 86.6
R3 5 6 86.6
R4 Out- 8 86.6
R5 9 1 39.2
R6 10 5 39.2
R7 4 9 39.2
R8 8 10 39.2
R9 11 6 340
R10 12 Out- 340
R11 Out+ 0 72.5
R12 0 Out- 72.5
R13 In+ 2 72.5
R14 In- 6 72.5
V0 In+ 15 PULSE (0 0.6 1e-007 2e-009 2e-009 5e-007 1e-005)
V1 15 In- PULSE (0 -0.6 6.04e-007 2e-009 2e-009 5e-007 1e-005)
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*
.OPTIONS ACCT LIST OPTS ABSTOL=1pA CHGTOL=.01pC DEFL=100u DEFW=100u DIGDRVF=2
+ DIGDRVZ=20K DIGERRDEFAULT=20 DIGERRLIMIT=10000 DIGFREQ=10GHz DIGINITSTATE=0
+ DIGIOLVL=2 DIGMNTYMX=2 DIGMNTYSSCALE=0.4 DIGOVRDRV=3 DIGTYMXSCALE=1.6 GMIN=1p
+ ITL1=100 ITL2=50 ITL4=10 PIVREL=1m PIVTOL=.1p RELTOL=1m TNOM=27 TRTOL=7 VNTOL=1u
+ WIDTH=80
*
.LIB "C:\MC7\LIBRARY\NOM.LIB"
*
.TEMP 27
.TRAN 5e-008 2.5e-006 0
.PRINT TRAN (V([IN+])-V(IN-))
.PLOT TRAN (V([IN+])-V(IN-)) -0.6,0.9
.PRINT TRAN ((V([OUT+])-V(OUT-))/0.4*1024+512)
.PLOT TRAN ((V([OUT+])-V(OUT-))/0.4*1024+512) 450,700
.PRINT TRAN (V([OUT+])-V(OUT-))
.PLOT TRAN (V([OUT+])-V(OUT-)) -0.02,0.08
.PROBE
*** Parts Count
** Resistor          14
** Inductor           4
** Capacitor          3
** Pulse source       2
.END

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