

DISCLAIMER

* TS3A26746E

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File Description

‘TS3A26746E_test_bench_windows.sp’ -which is the test bench- invokes other 2 files:

‘TS3A26746E_process_windows.lib’ –nominal process library, and

‘TS3A26746E_subckt_windows.sp’–subcircuits’ definition.

Instructions

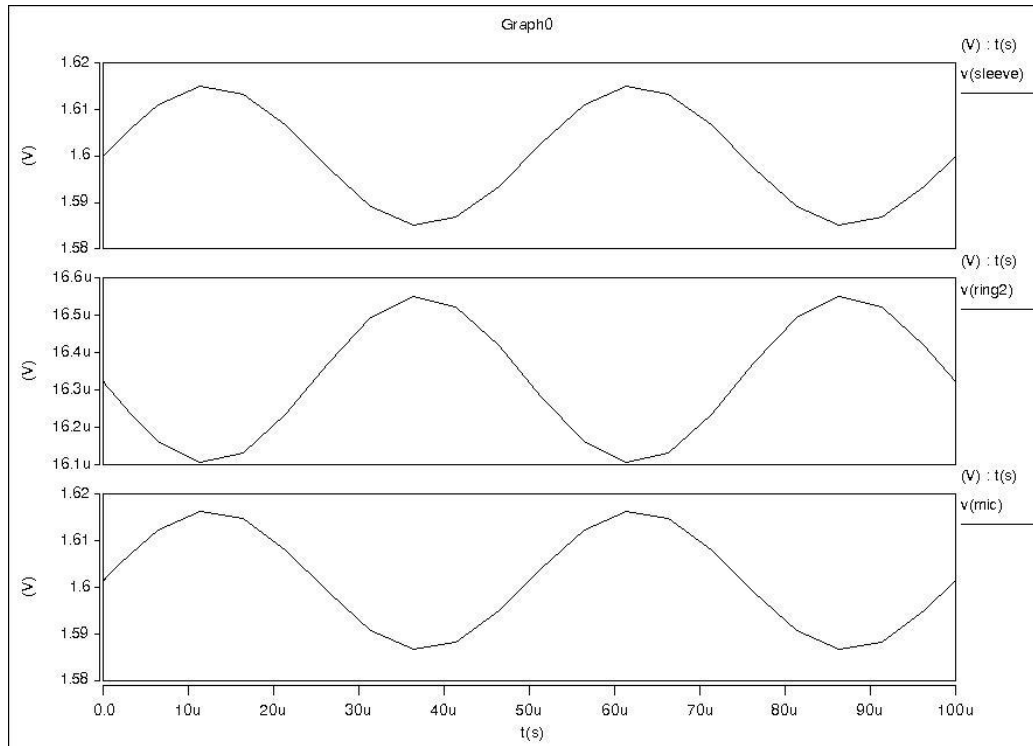
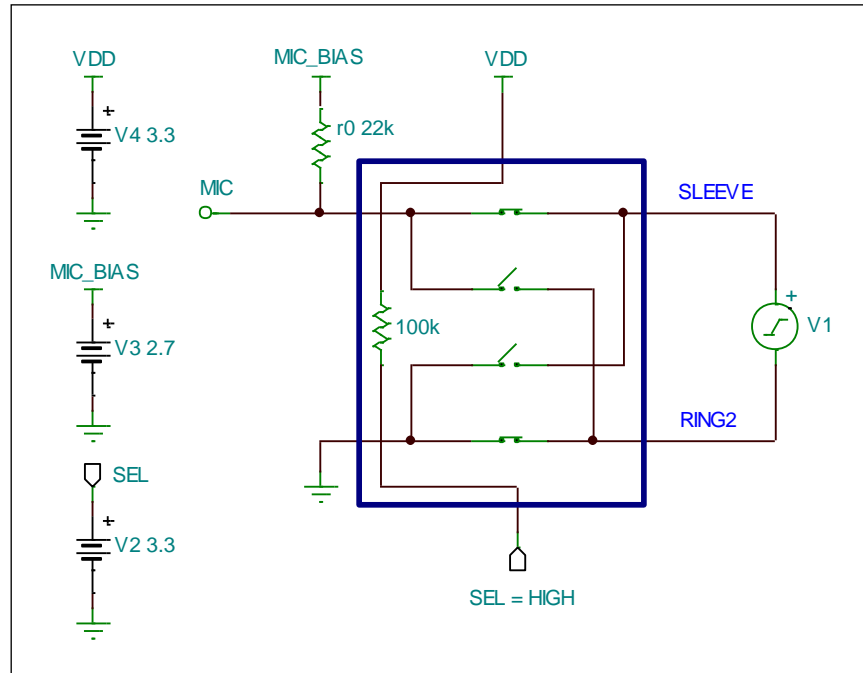
1) Open your simulator HSPICE_A-2010.03-SP1 on Windows

2) On the file menu, open and run file 'TS3A26746E_test_bench_windows.sp'.

Plots of the test-setup schematic and simulation results are shown below:

SEL = HIGH: SLEEVE is the input and RING2 is grounded. The output is MIC.

Note that MIC & SLEEVE are virtually the same signal while RING2 amplitude is very small.



SEL = LOW: RING2 is the input and SLEEVE is grounded. The output is MIC.
 Note that MIC & RING2 are virtually the same signal while SLEEVE amplitude is very small.

