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* SPICE netlist written by S-Edit Win32 8.10
* Written on Feb 3, 2004 at 15:39:04
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* Waveform probing commands
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```
.probe
.options probefilename="C:\ASIC\SPICETest"
+ probesdbfile="C:\ASIC\INV.sdb"
+ probetopmodule="SPICETest"
```

```
.SUBCKT INV IN OUT Gnd Vdd
M1 OUT IN Gnd Gnd EN3 L=0.35u W=0.8u AD=1p PD=4u AS=1p PS=4u
M2 OUT IN Vdd Vdd EP3 L=0.35u W=2.4u AD=6.2p PD=10u AS=6p PS=10u
.ENDS
```

```
.SUBCKT SPDT A B C CB COM Gnd Vdd
M1 A C COM Gnd EN3 L=0.35u W=0.8u AD=1p PD=4u AS=1p PS=4u
M2 COM CB B Gnd EN3 L=0.35u W=0.8u AD=1p PD=4u AS=1p PS=4u
M3 A CB COM Vdd EP3 L=0.35u W=2.4u AD=6p PD=10u AS=6p PS=10u
M4 COM C B Vdd EP3 L=0.35u W=2.4u AD=6p PD=10u AS=6p PS=10u
.ENDS
```

```
* Main circuit: SPICETest
.include C:/Tanner/TSpice90/models/ntyp.md
.include C:/Tanner/TSpice90/models/ptyp.md
XINV_1 N4 C Gnd Vdd INV
XINV_2 C CB Gnd Vdd INV
v1 A Gnd 0.3
v2 B Gnd 3.3
v3 Vdd Gnd 3.3
v4 N4 Gnd pulse(0.0 3.3 6n .01n .01n 10n 20n)
XSPDT_1 A B C CB out Gnd Vdd SPDT
.tran .01n 100n
.print C CB out
* End of main circuit: SPICETest
```