



NGSPICE

```
.param temp=27 vdd=1.2 per=1u
.model mysw SW vt={vdd/2} ron=10k roff=10gig
.option method=gear reltol=1e-4
```

```
.control
save all
tran 10n 64u
plot vo q
set wr_singlescale
set wr_vecnames
wdata tb_ideal_idsm1.txt vo q p1 p2
.endc
```

MODEL

```
.lib $::SG13G2_MODELS/cornerMOS1v.lib mos_tt
.lib $::SG13G2_MODELS/cornerRES.lib res_typ
.inc /foss/pdks/sg13g2/libs.ref/sg13g2_stdcell/spice/sg13g2_stdcell.spice
```



Boris Murmann

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/foss/designs/EE628/5_Design/2_Idealized_circuits/tb_ideal_idsm1.sch