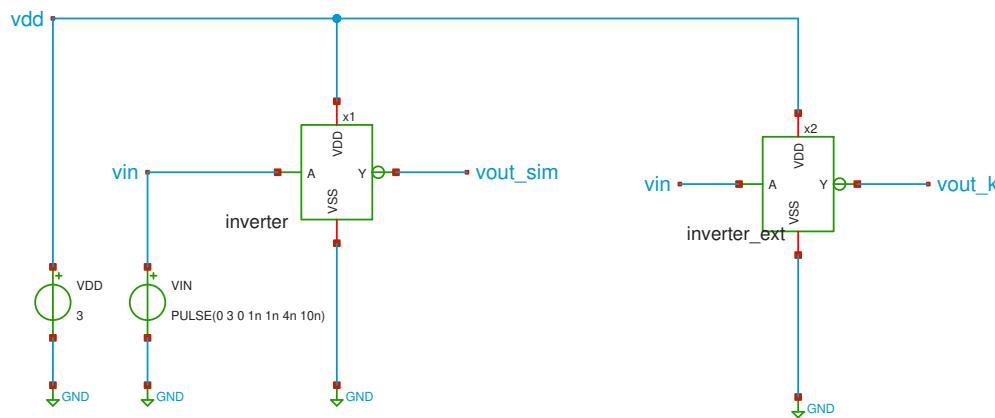SimulatorNGSPICE
SIM=ngspice

```
.include tb_inverter.save
.param temp=27
.control
save all
op
tran 10p 20n
write tb_inverter.raw
.endc
```
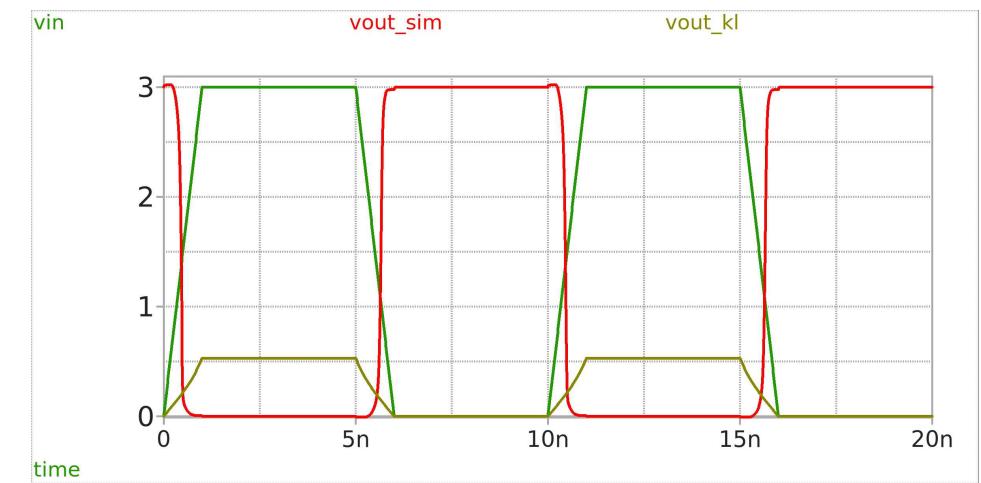
LIB
```
.lib cornerMOShv.lib mos_tt
```

LIB1
```
.inc /foss/designs/mse-pa1/klayout/inverter_ext.spice
```

Load waves   SimulateNGSPICE

vdd

vin

inverter

x1
VDD
A   Y
VSS

vout_sim

VDD
3

VIN
PULSE(0 3 0 1n 1n 4n 10n)

GND   GND   GND

vin

inverter_ext

x2
VDD
A   Y
VSS

vout_kl

GND

XSCHEM

gfcwfzkm (Pazzy)   2025-11-30 17:11:39
/foss/designs/mse-pa1/xschem/tb_inverter.sch