

x10b_adc.sch

VDDA

VSSA

VDDD

VSSD

VDDR

VSSR

VCM

CLK

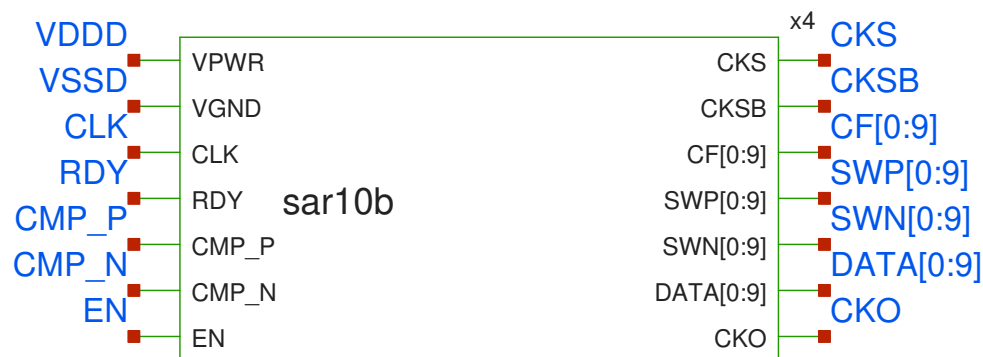
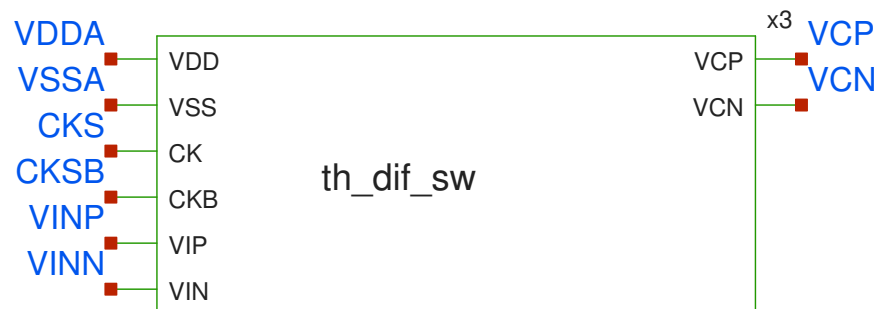
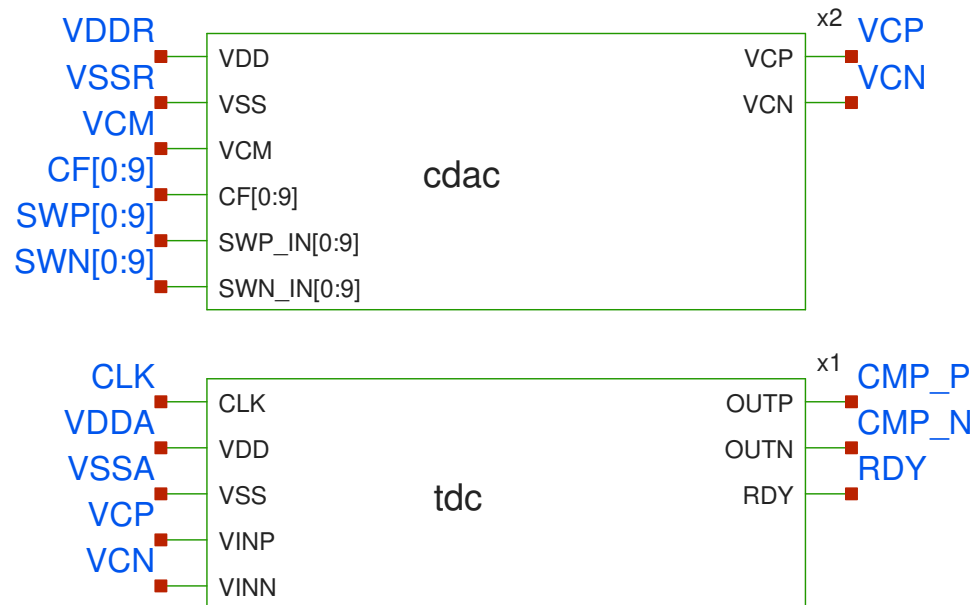
VINP

VINN

EN

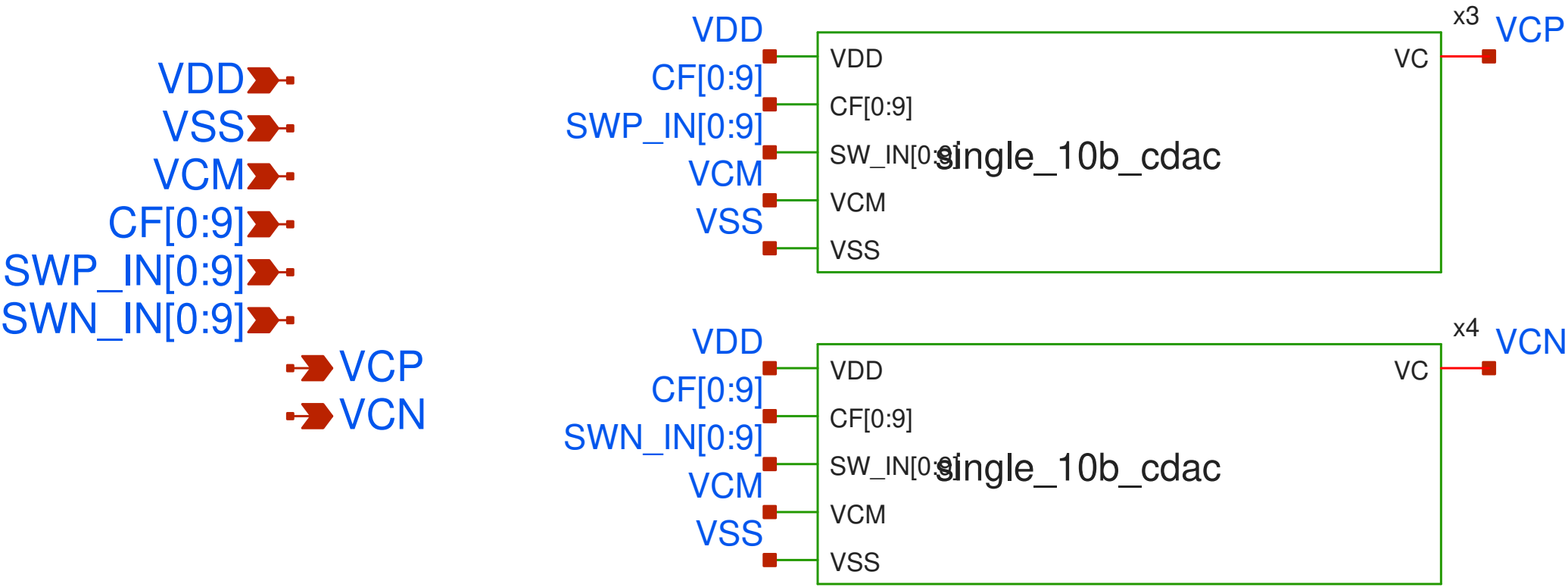
DATA[0:9]

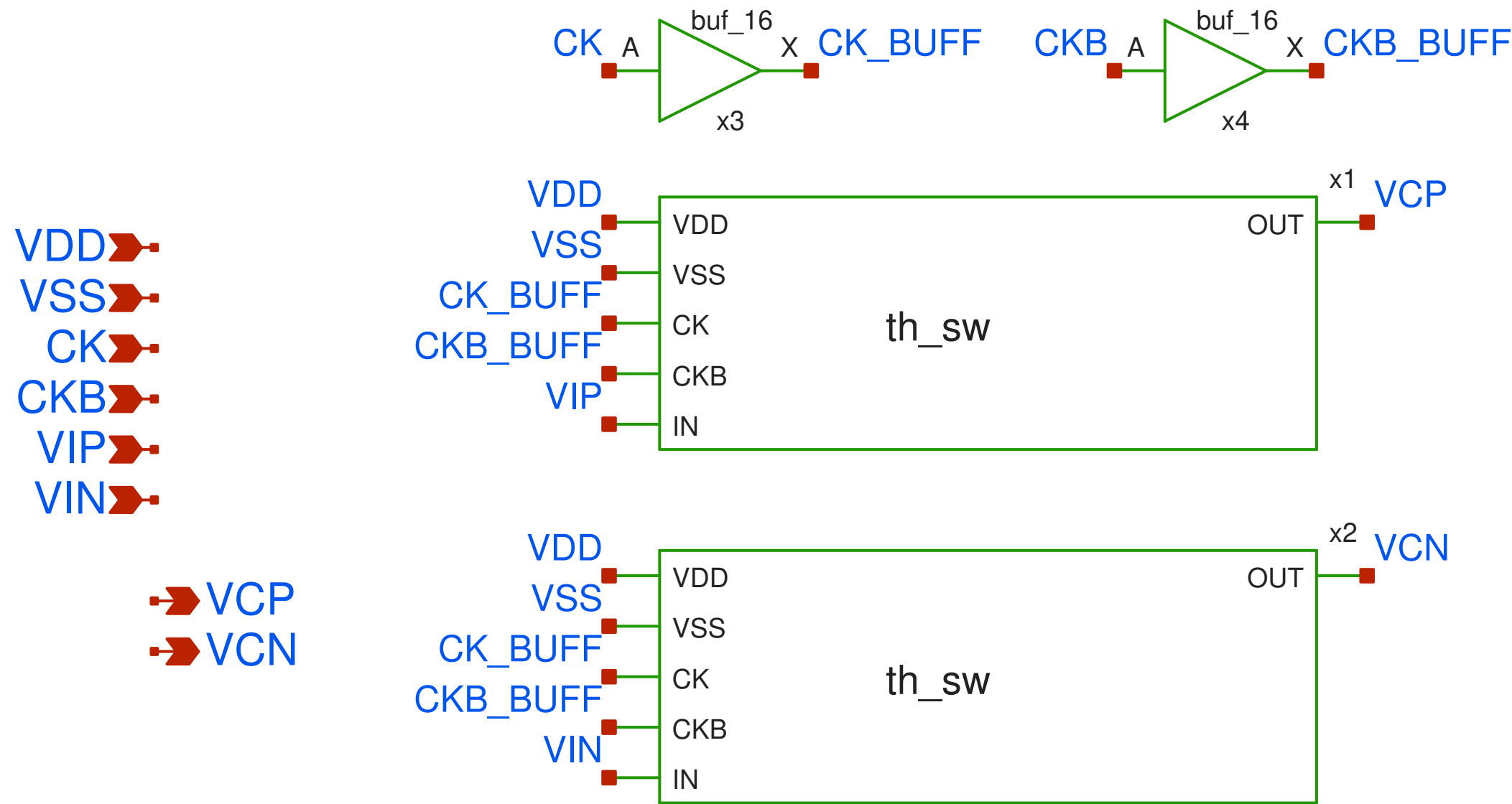
CKO

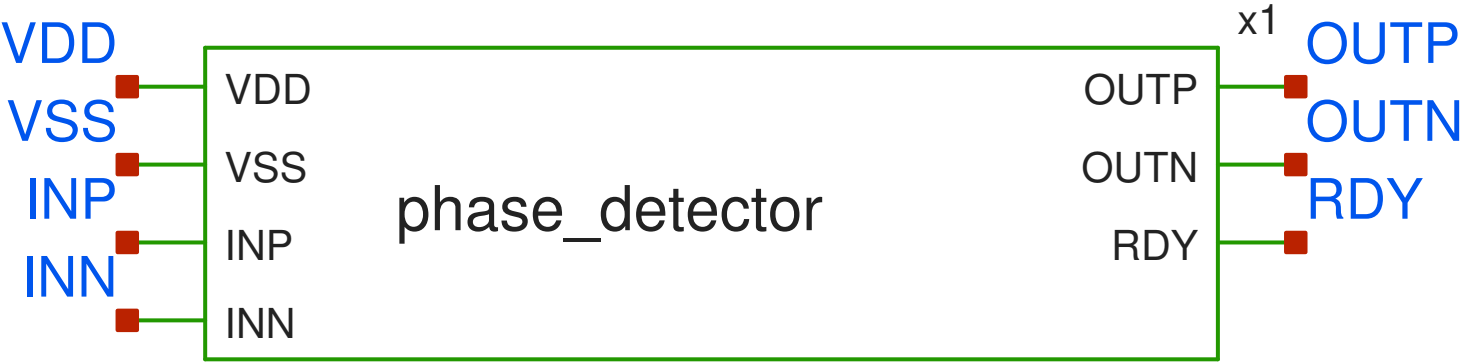
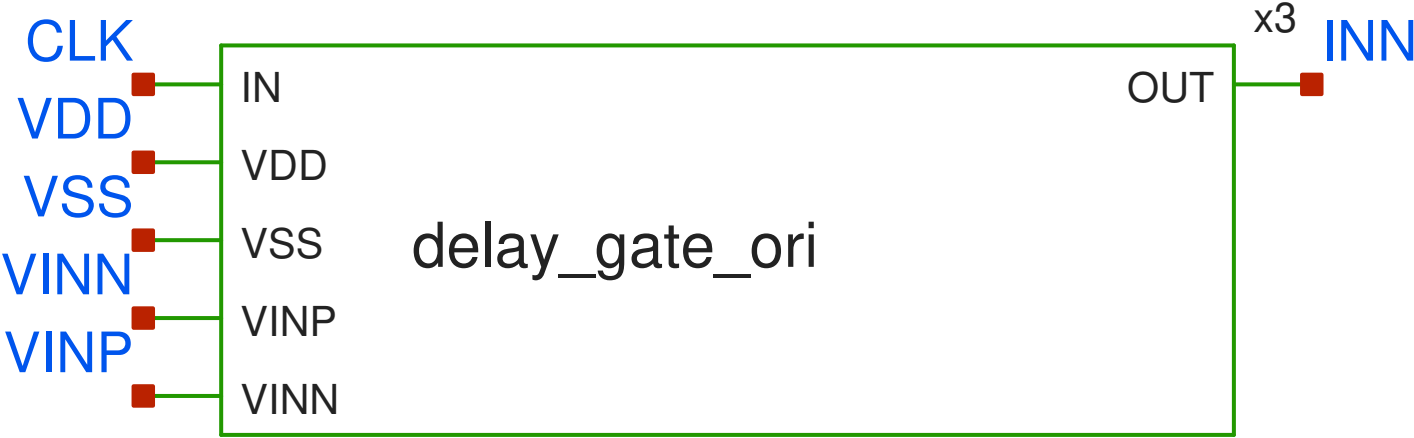
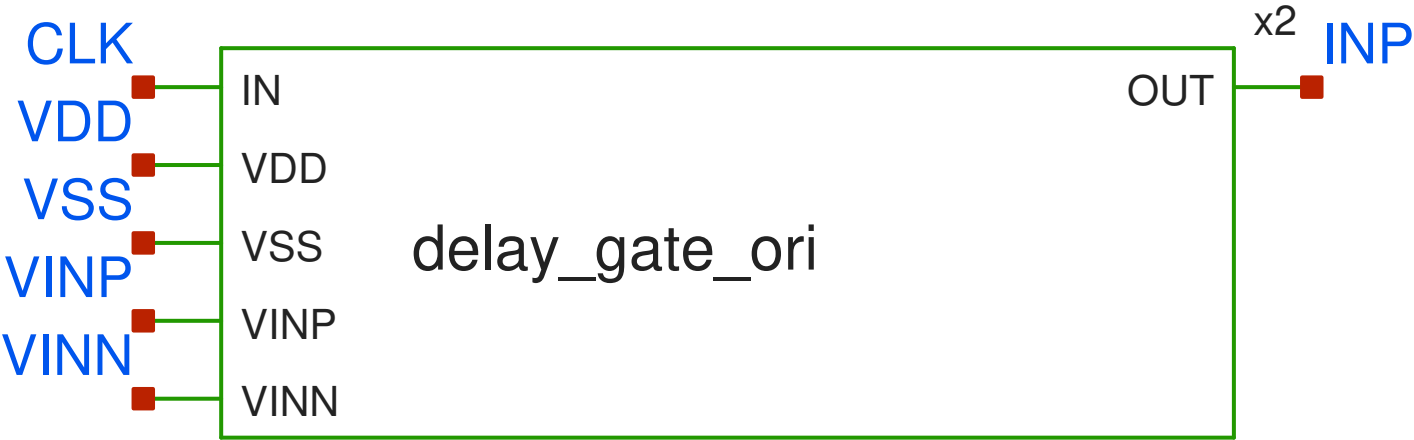
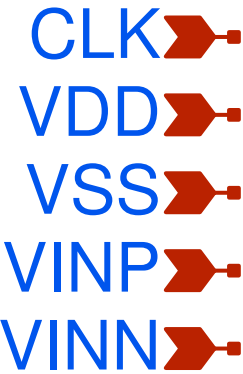


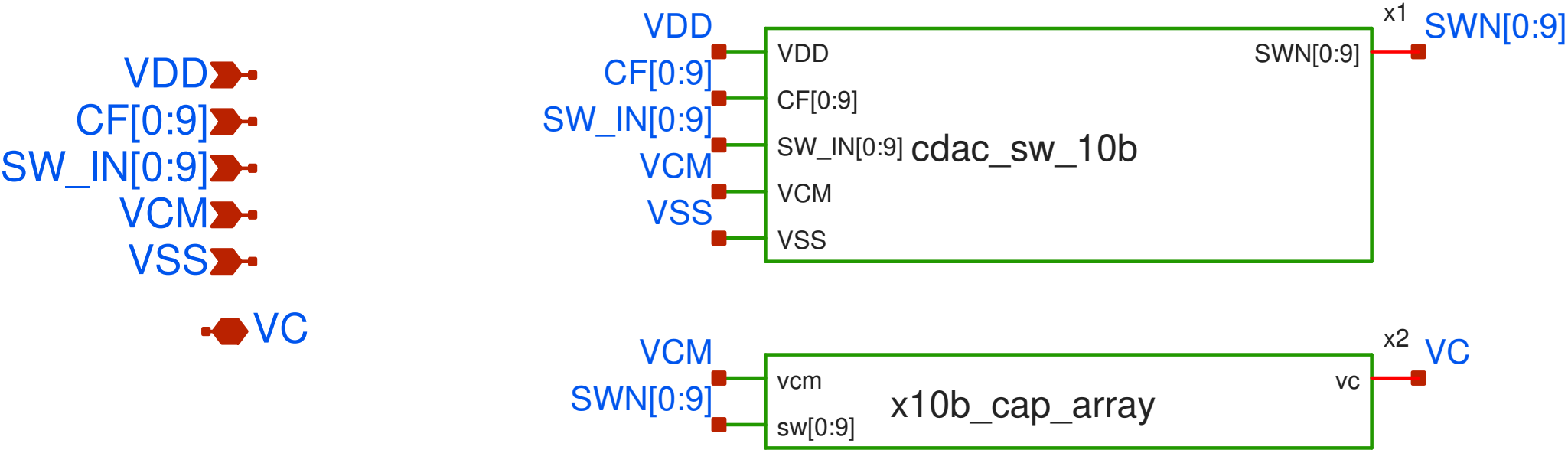
s1

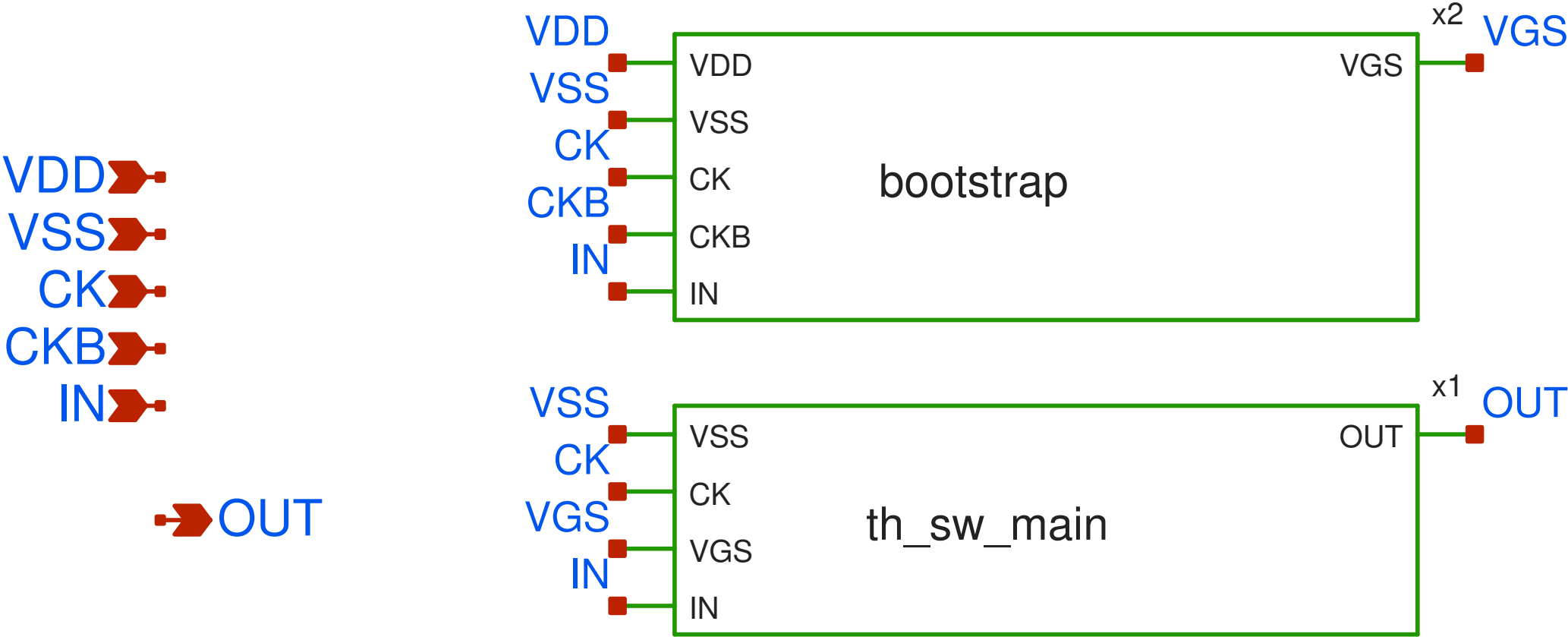
```
.include /usr/local/share/pdk/sky130A/libs.ref/sky130_fd_sc_hs/spice/sky130_fd_sc_hs.spice
```

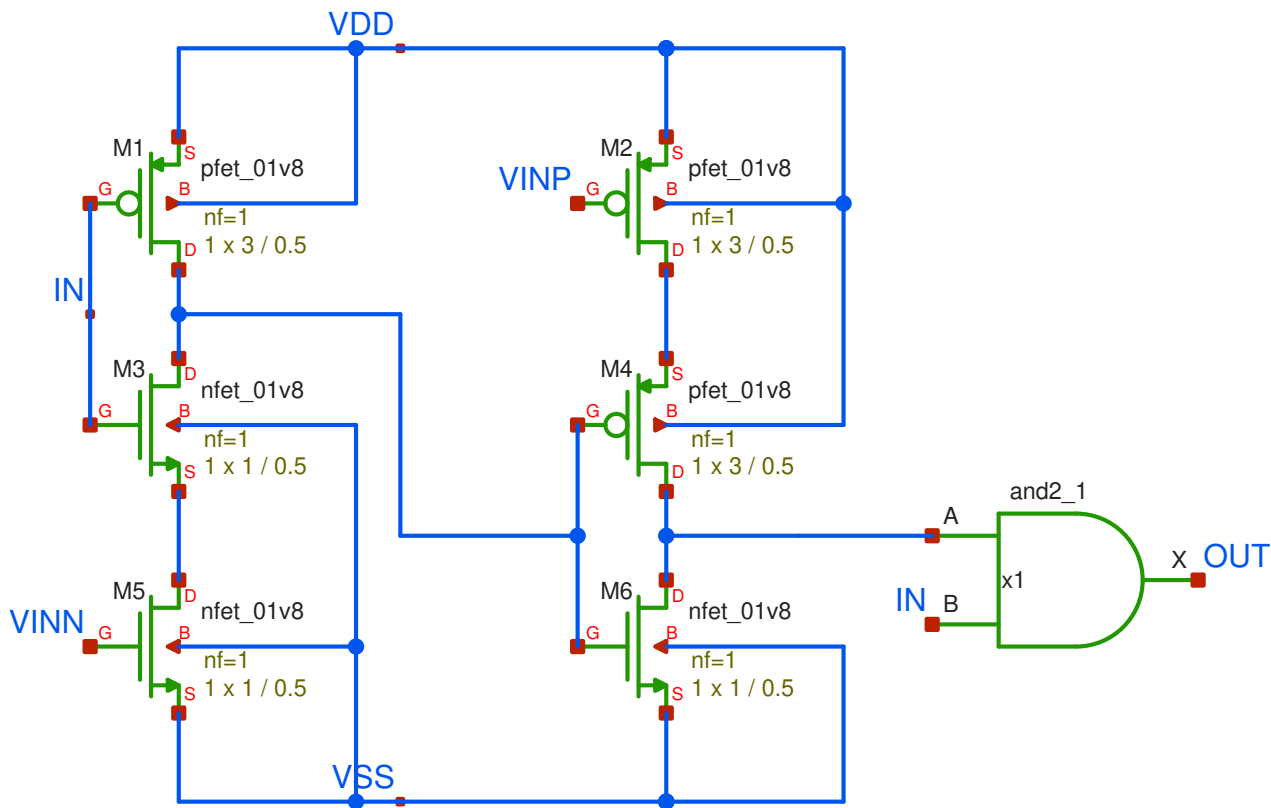


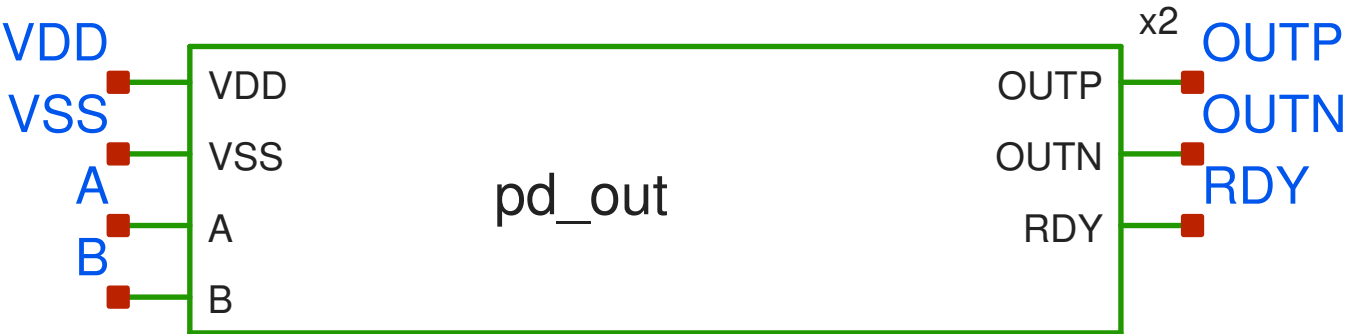


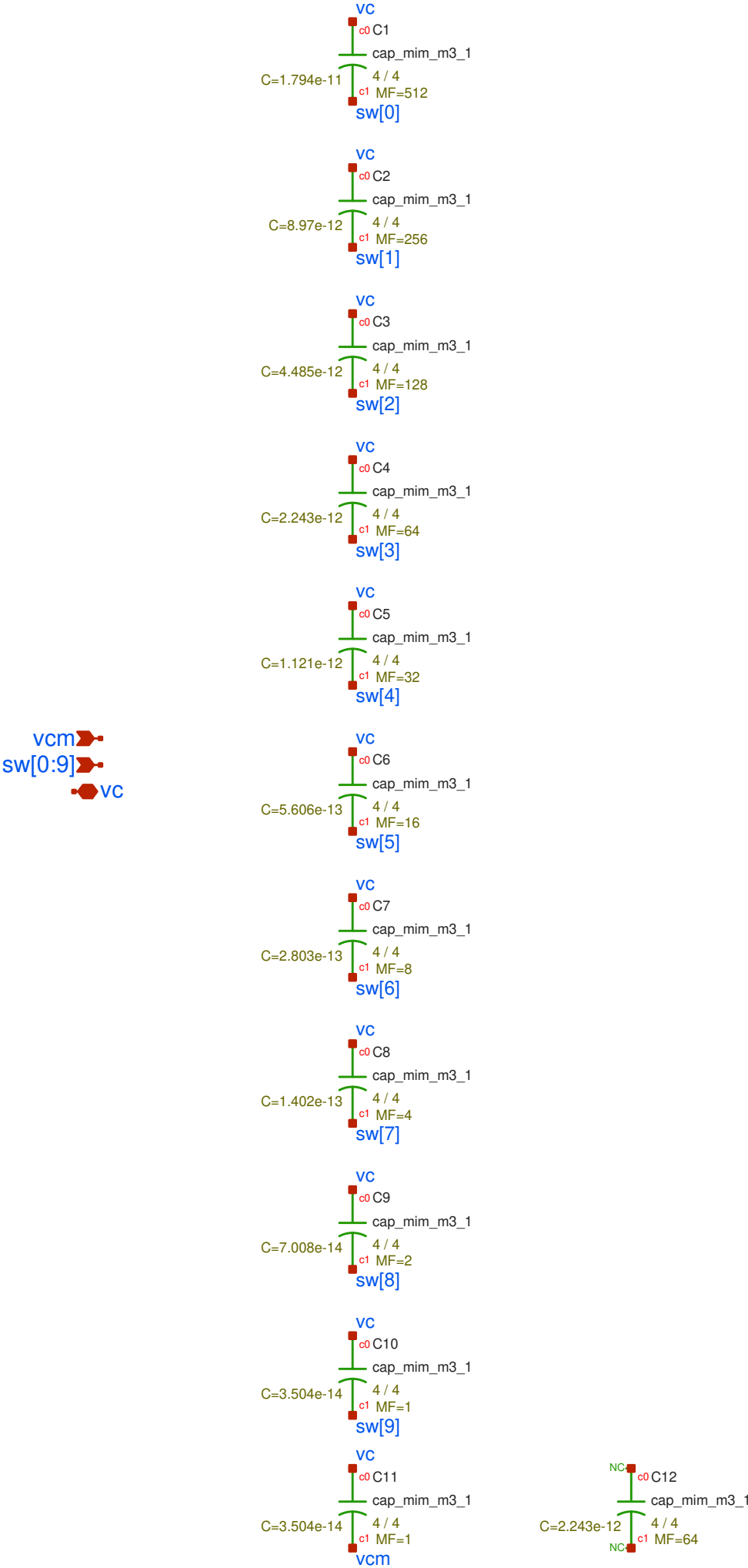


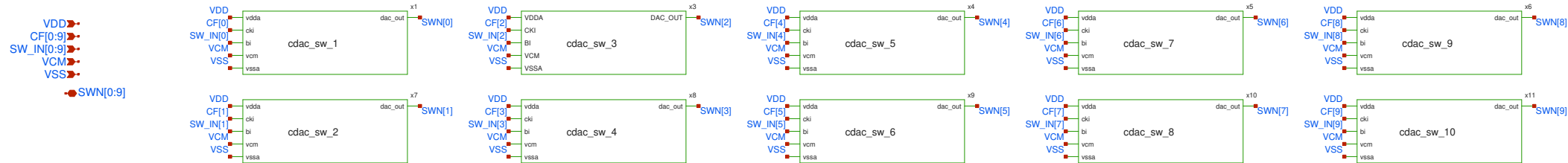


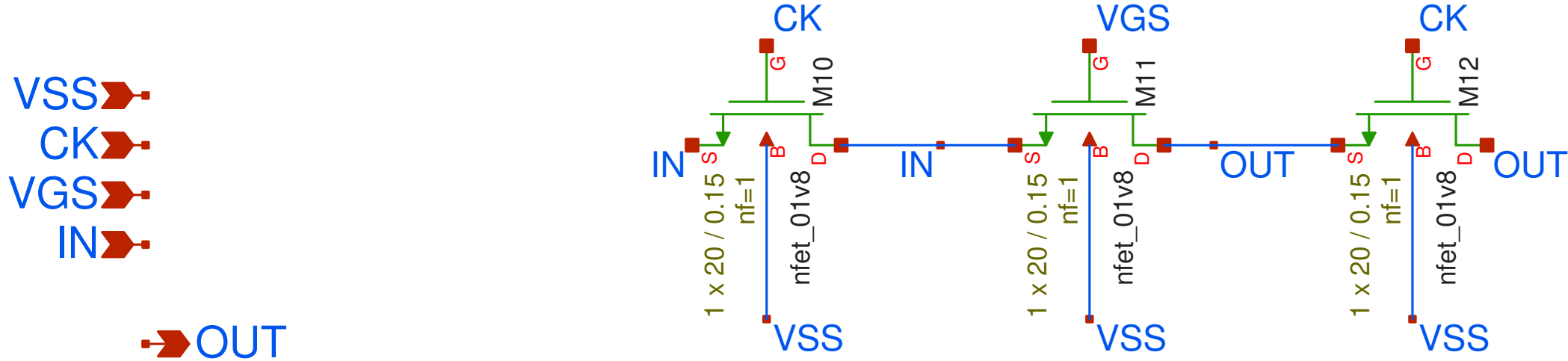


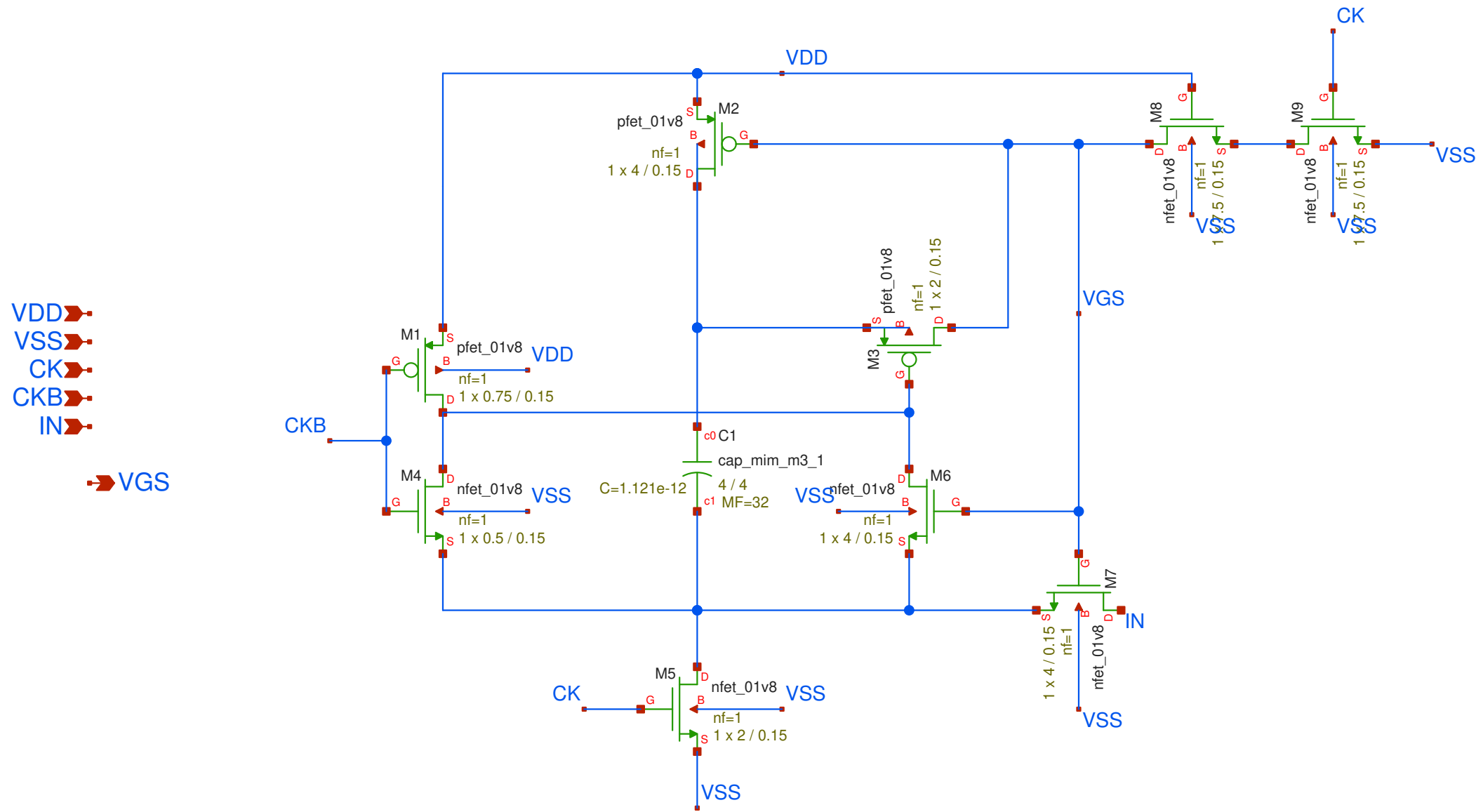


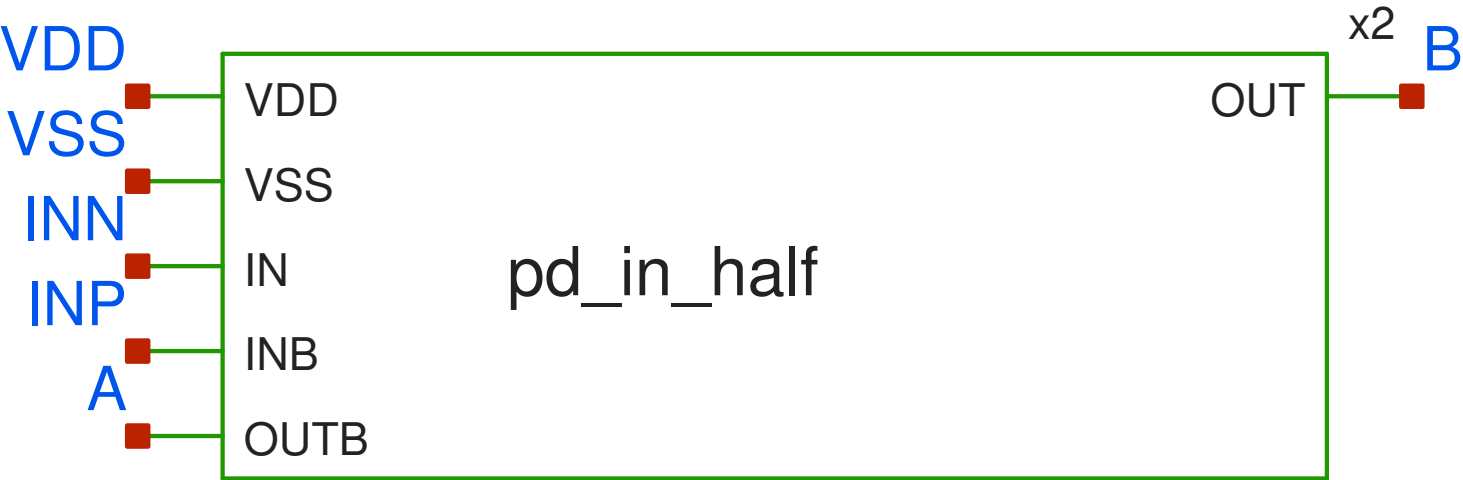
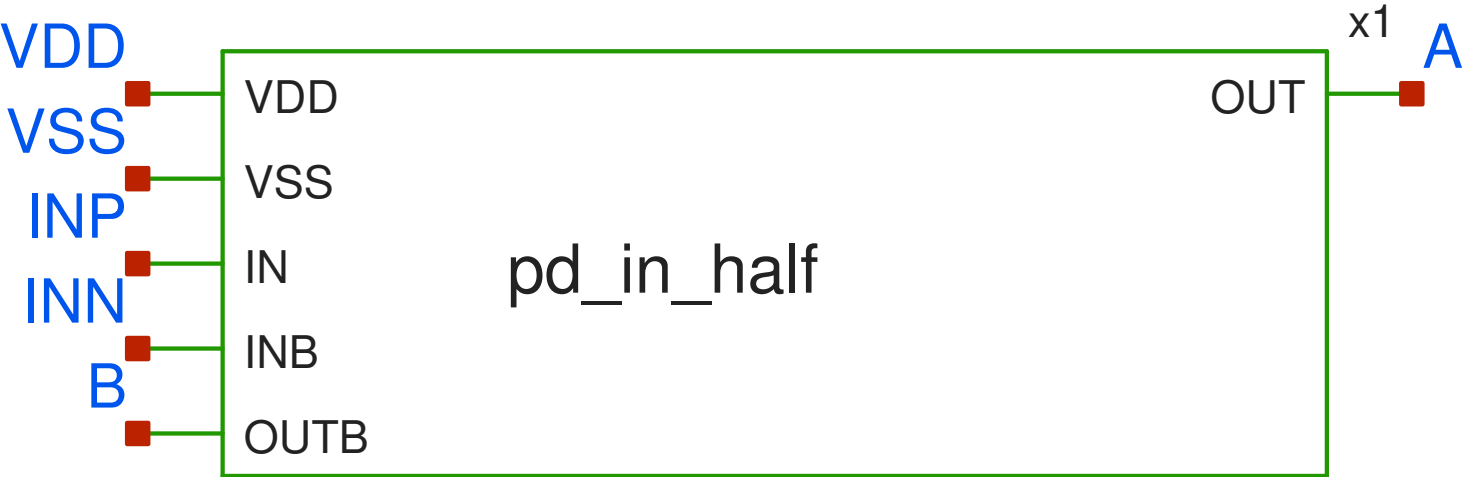
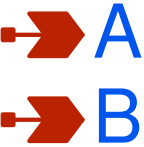


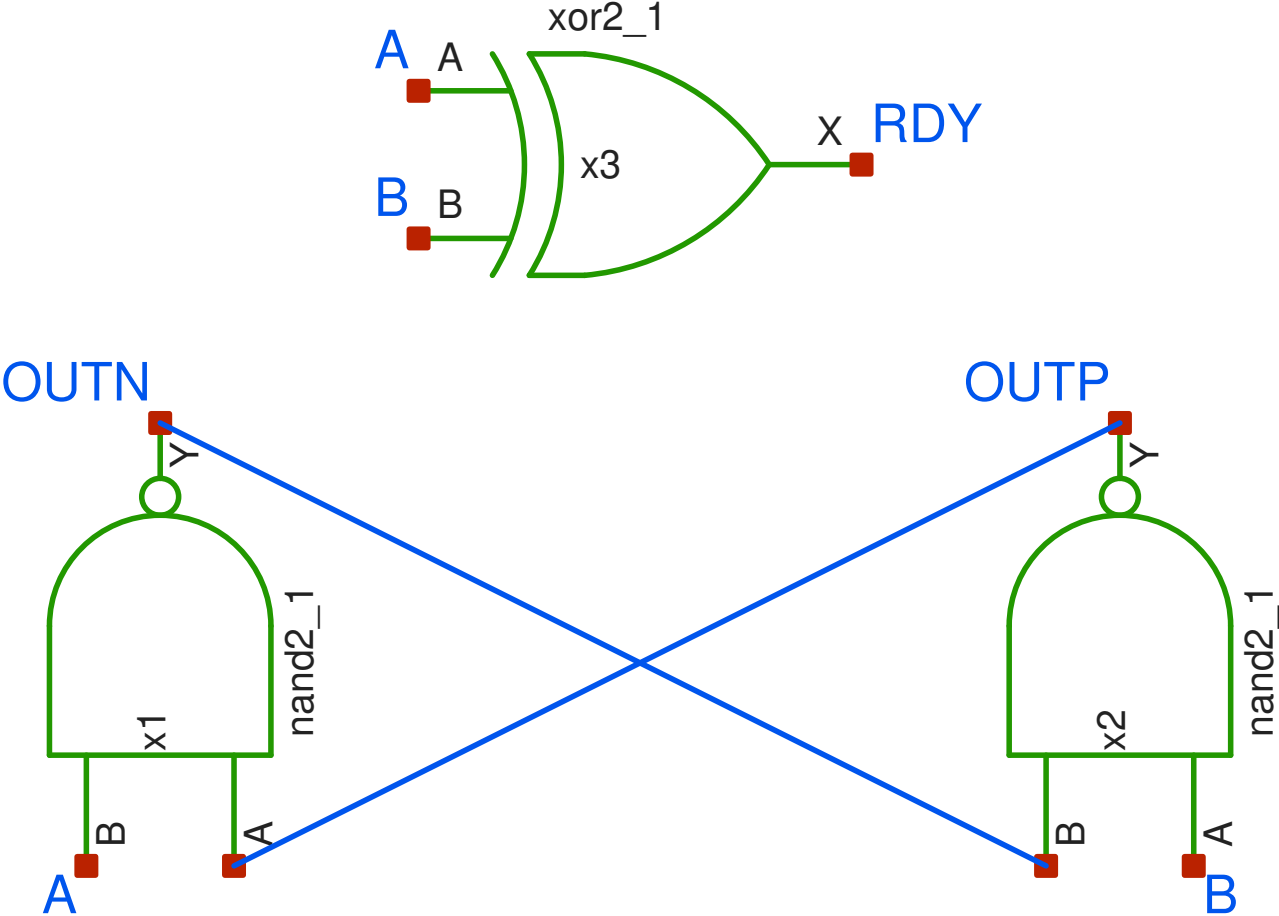
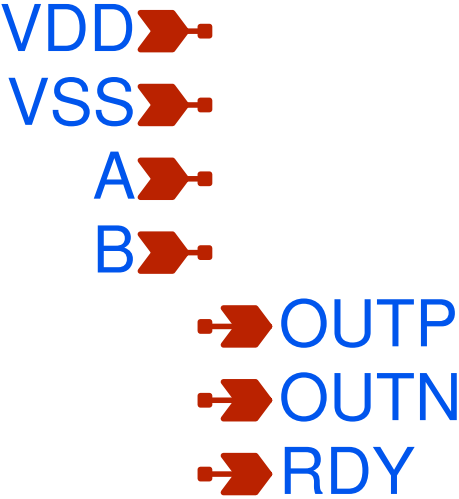


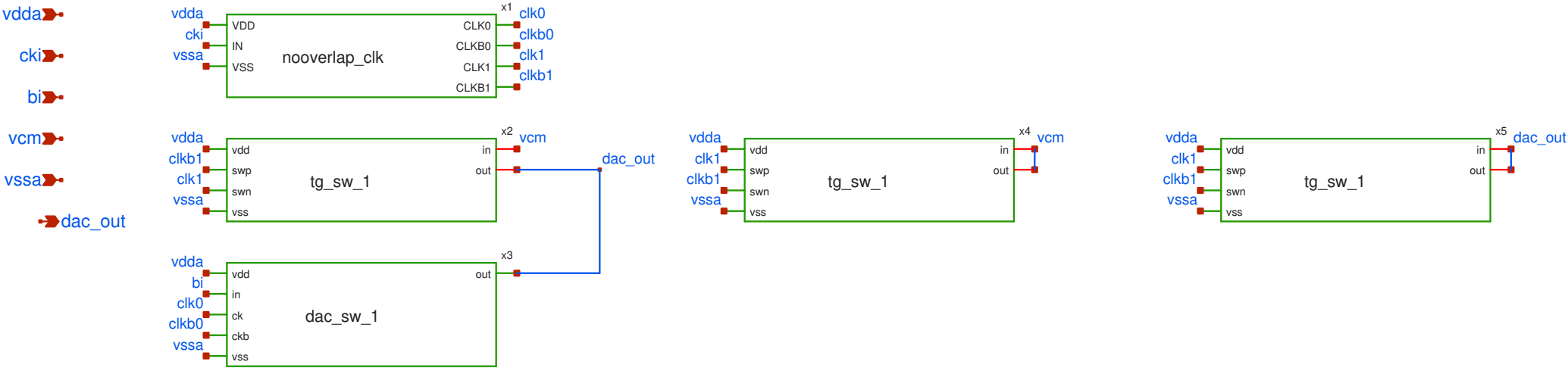


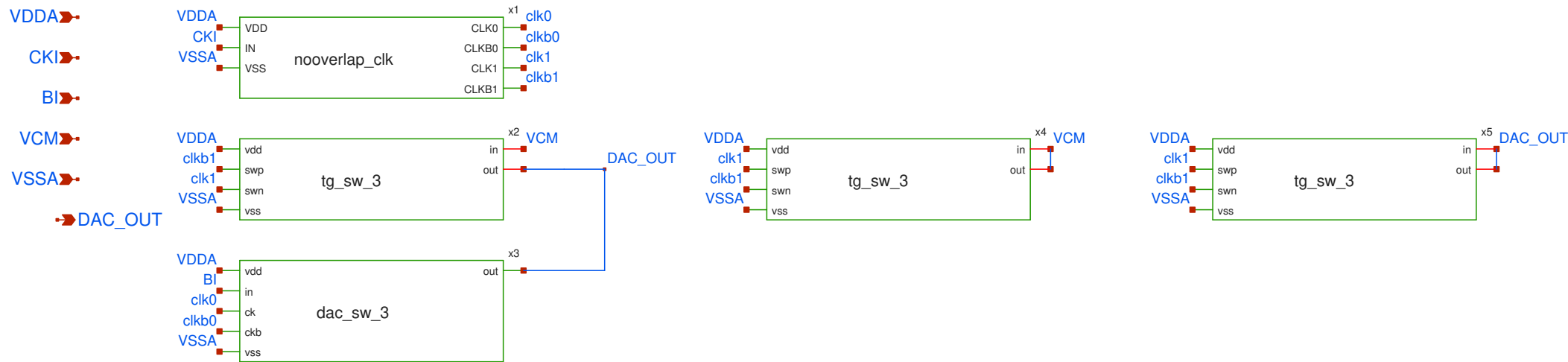


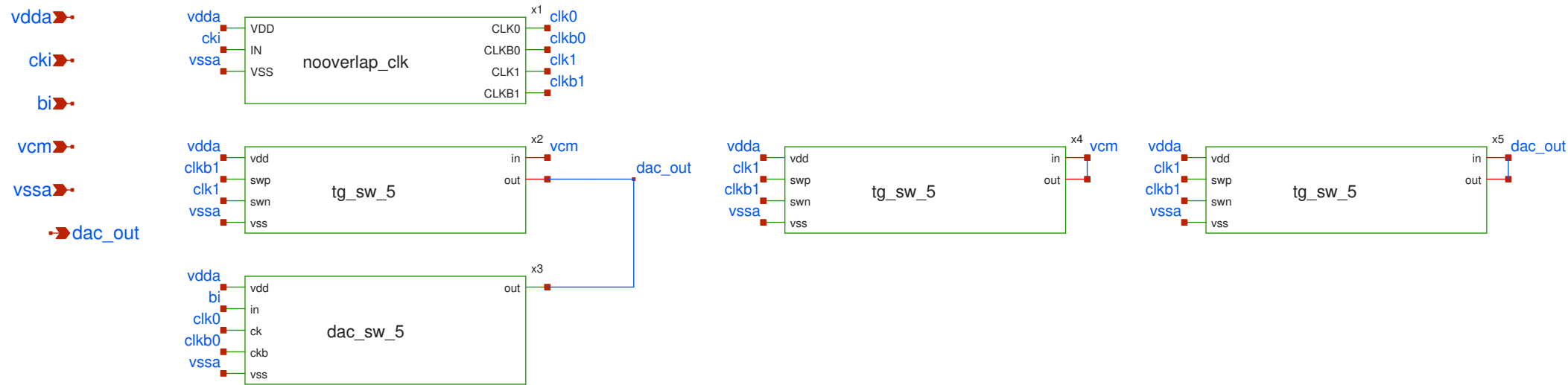


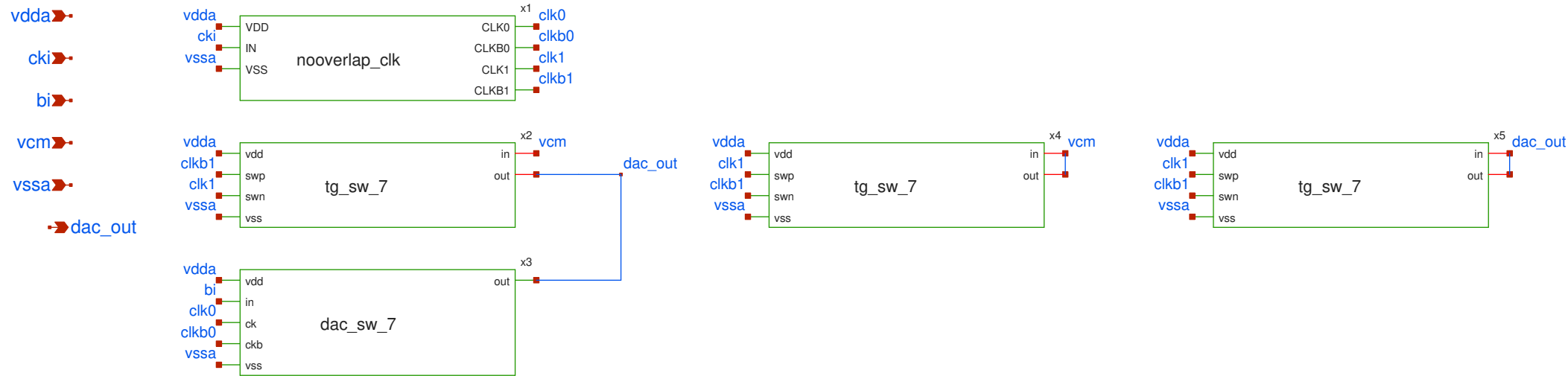


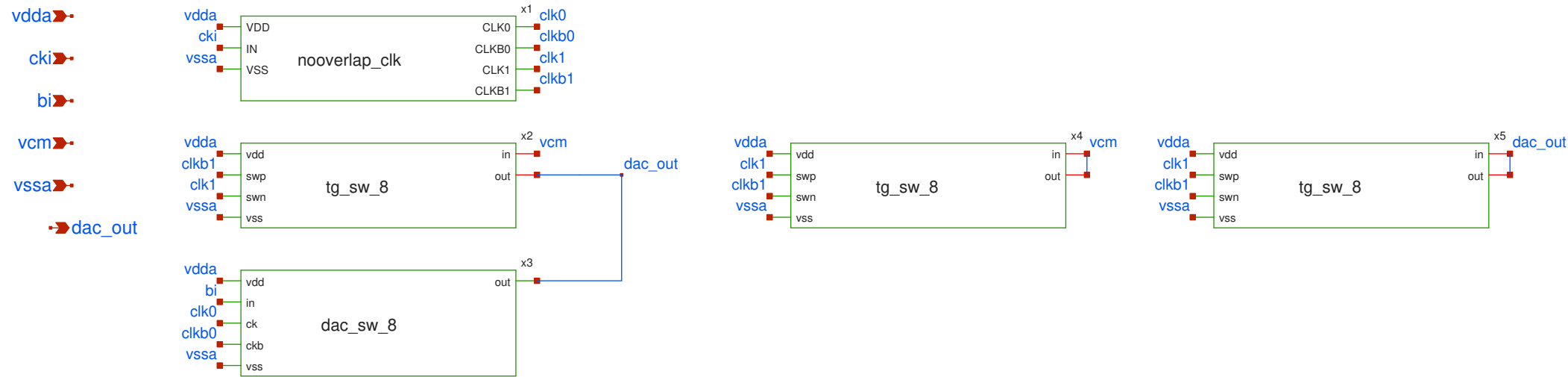


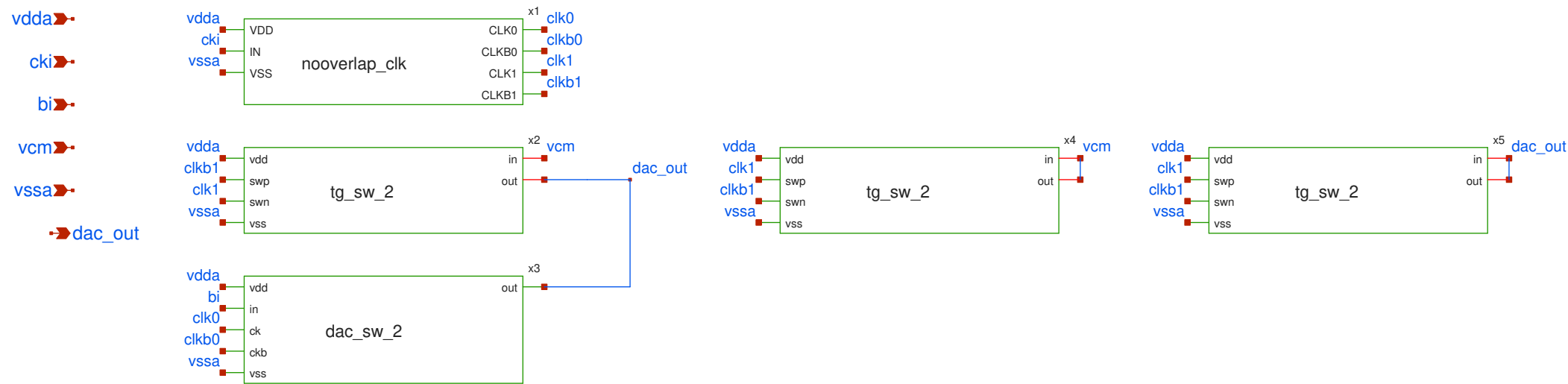


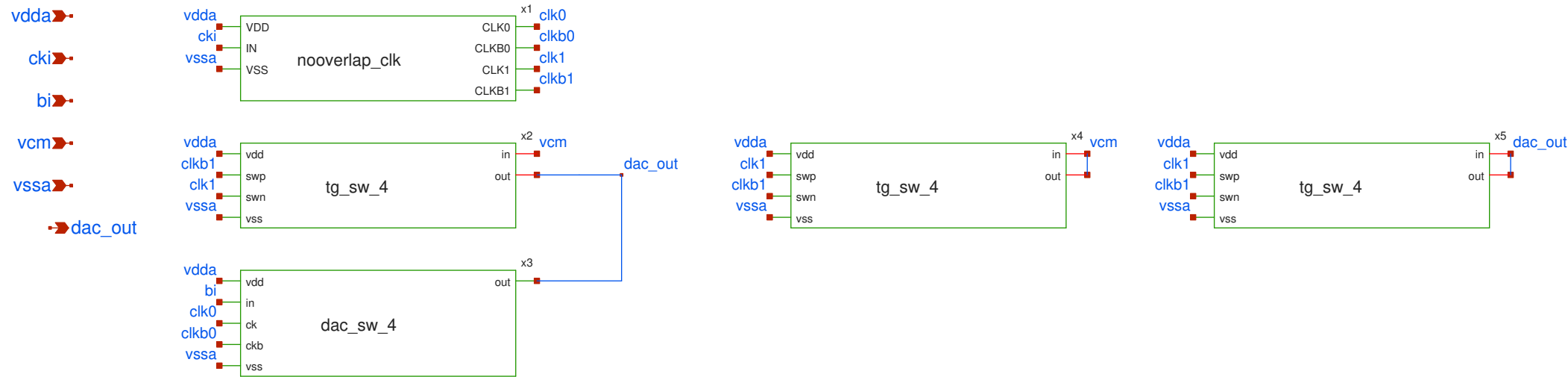


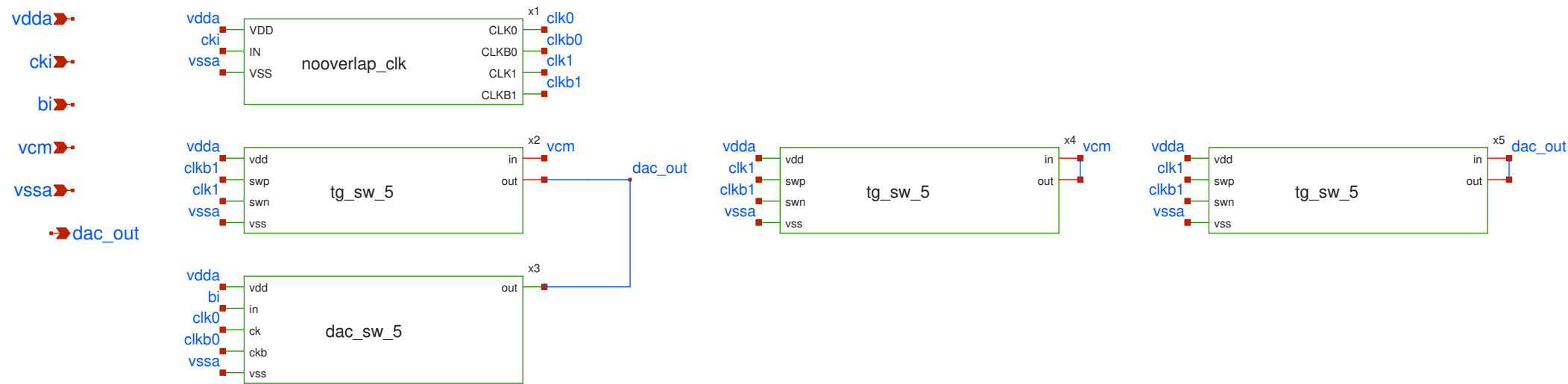


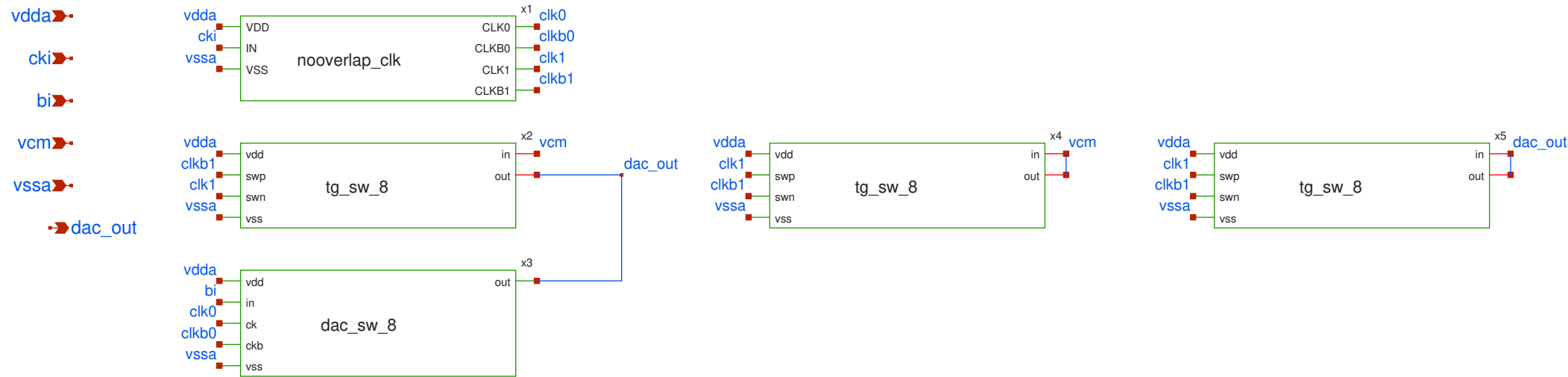


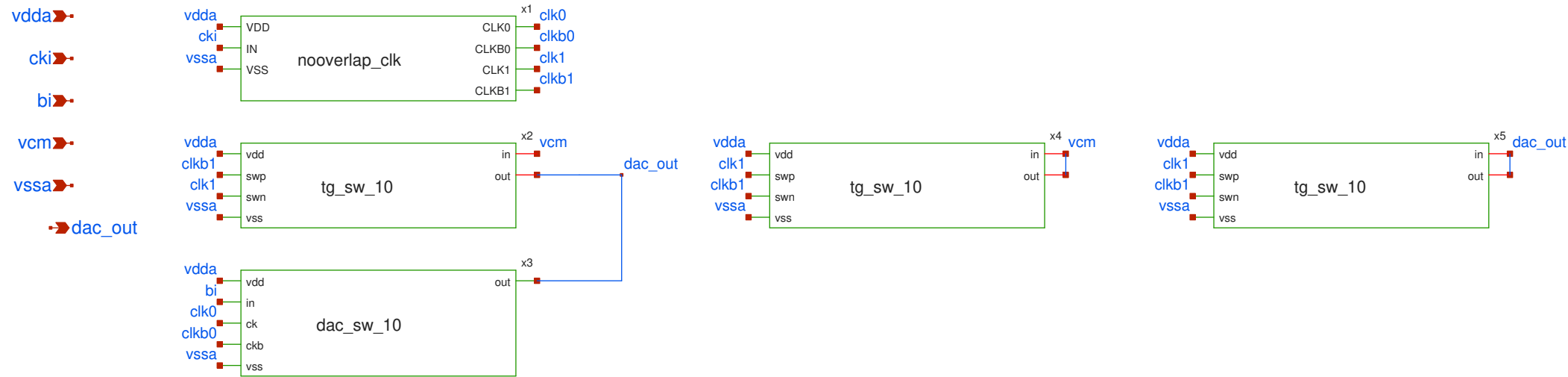


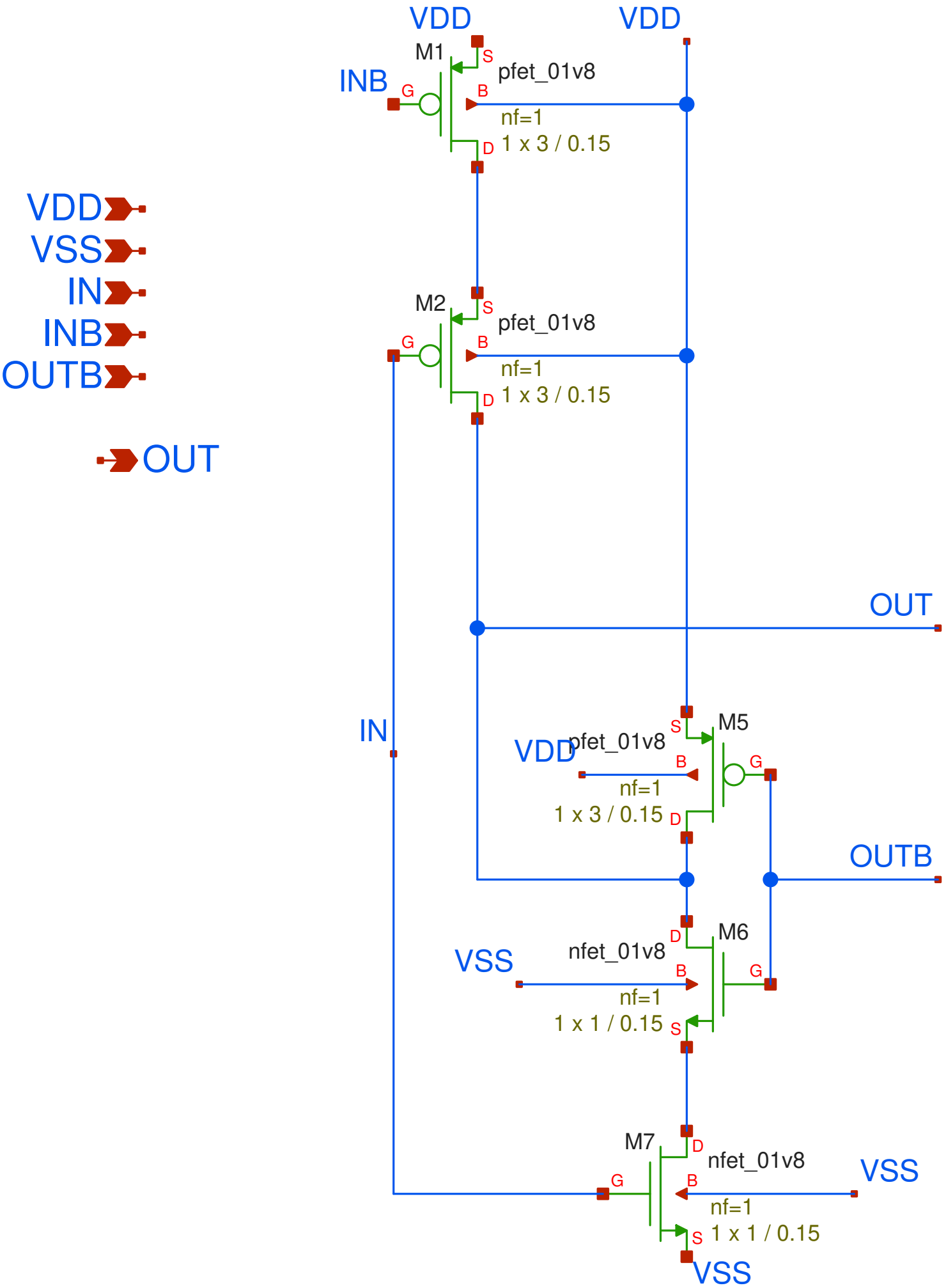


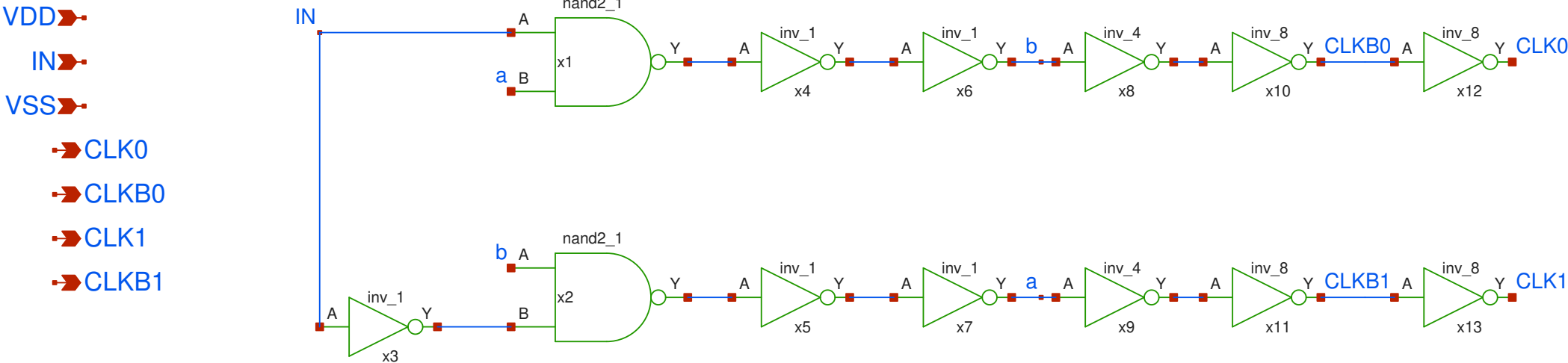












vdd

swp

swn

vss

in

out

in

out

swp

G

M1

20 x 1.5 / 0.5

nf=1

pfet_01v8

vdd

vss

nfet_01v8

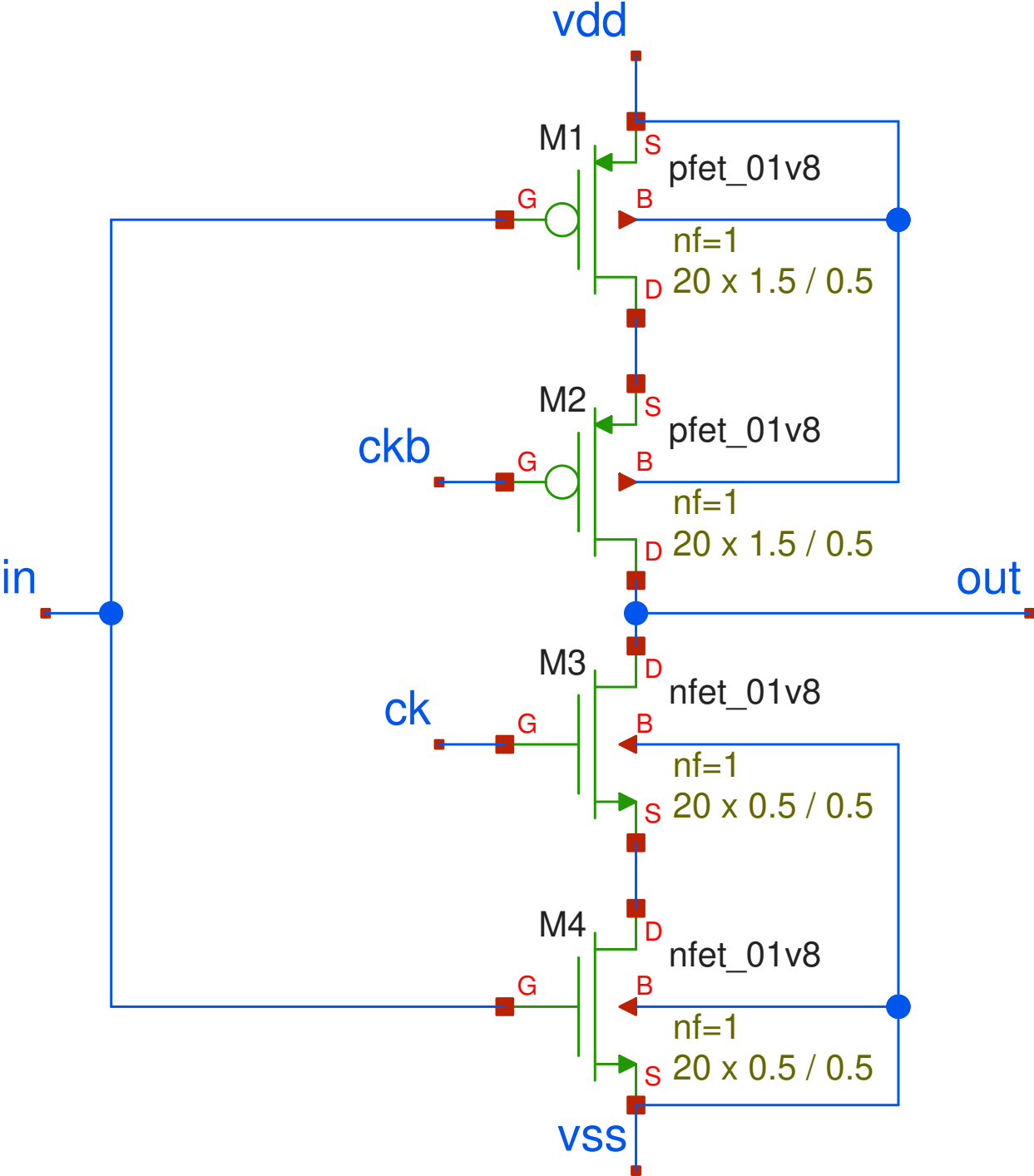
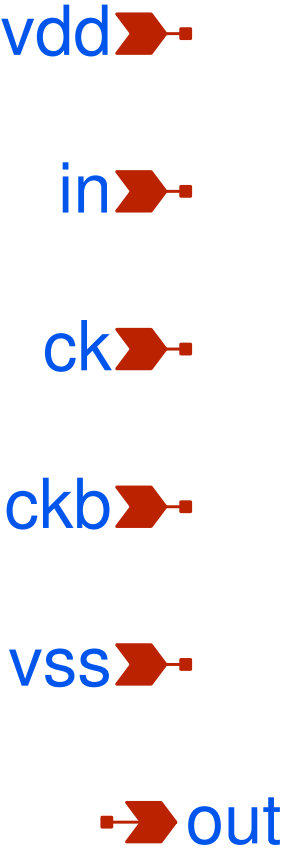
nf=1

20 x 0.5 / 0.5

M2

G

swn



vdd

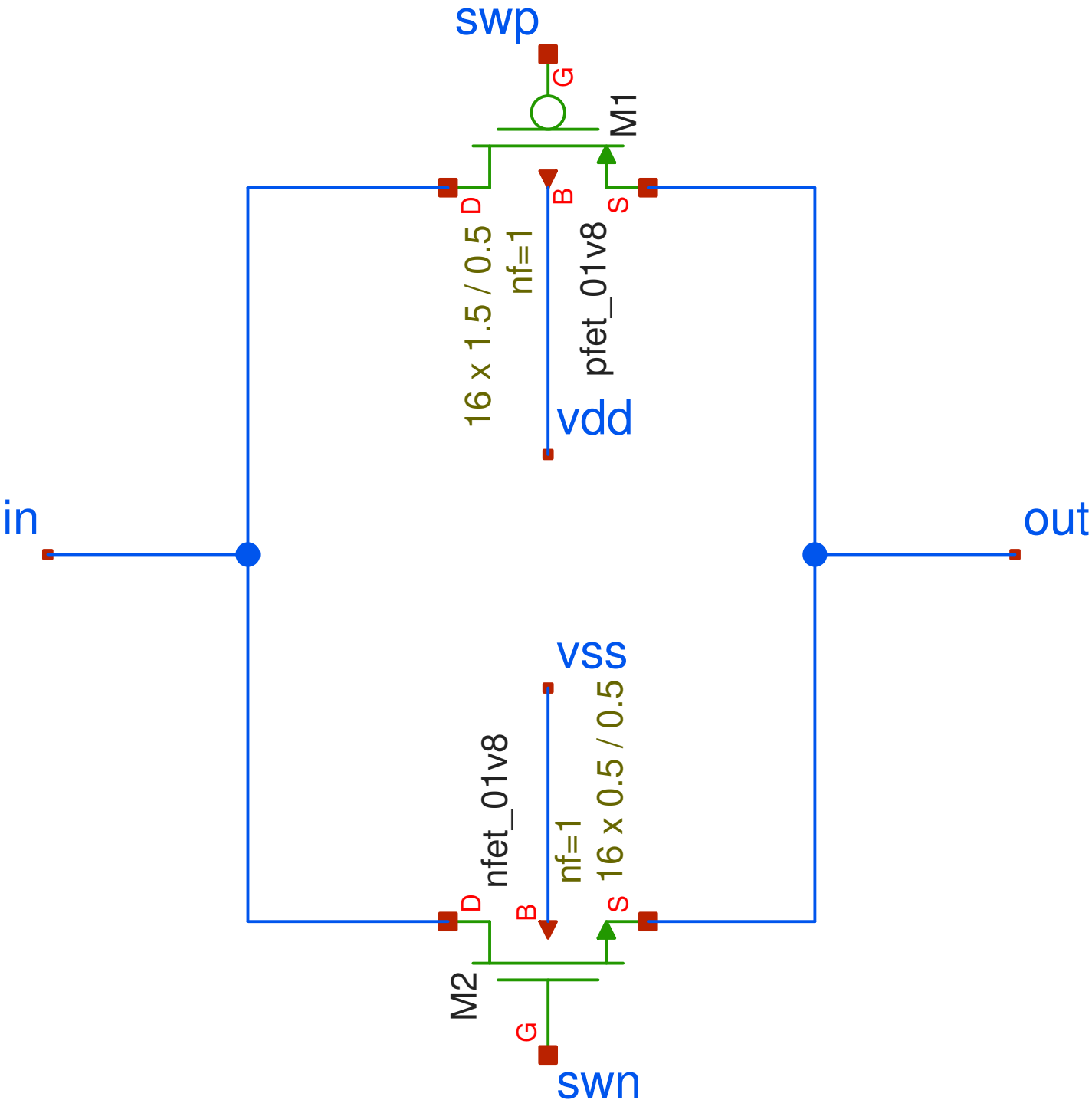
swp

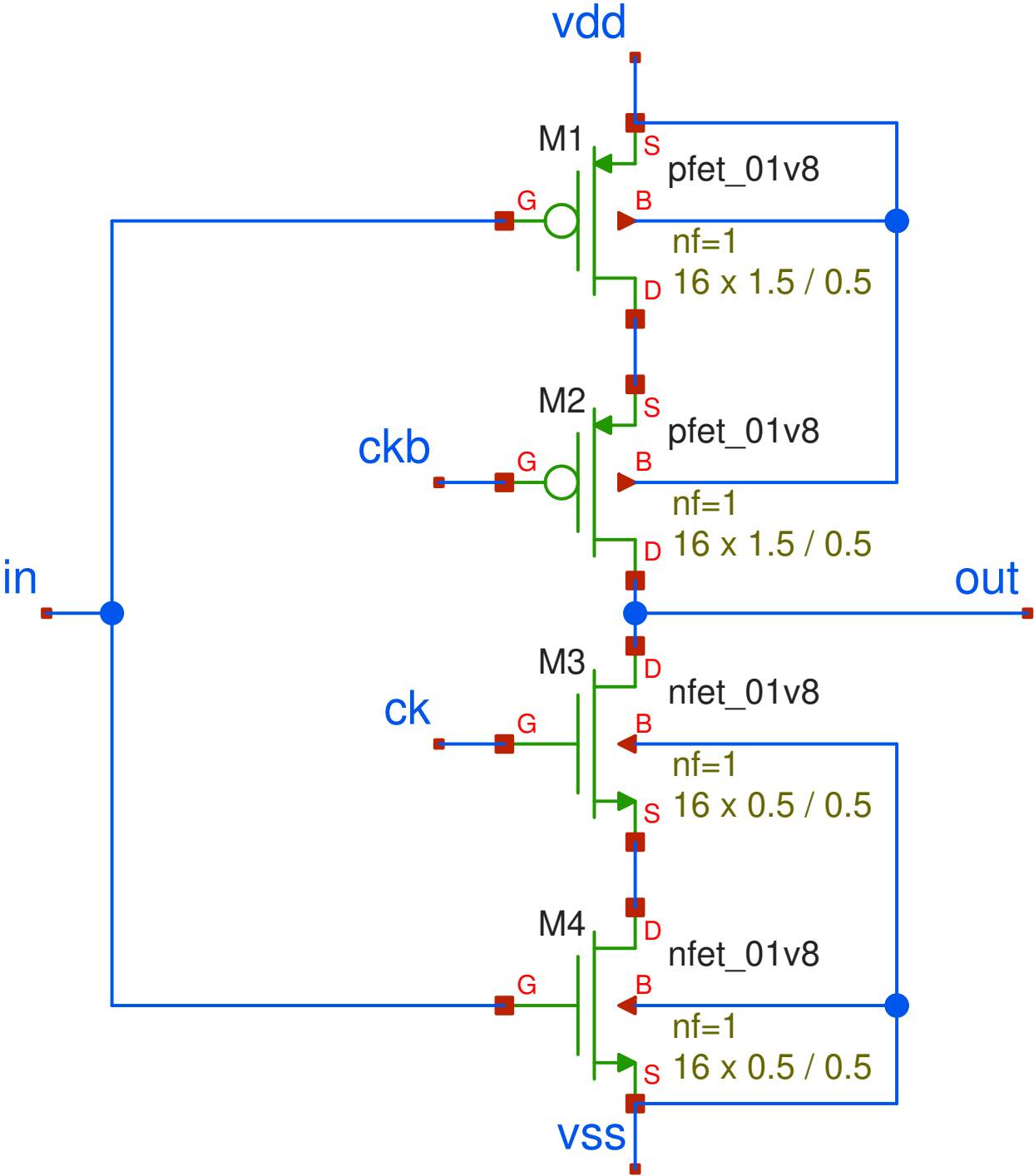
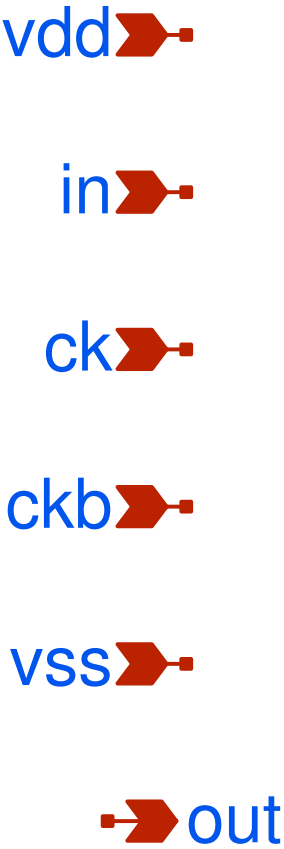
swn

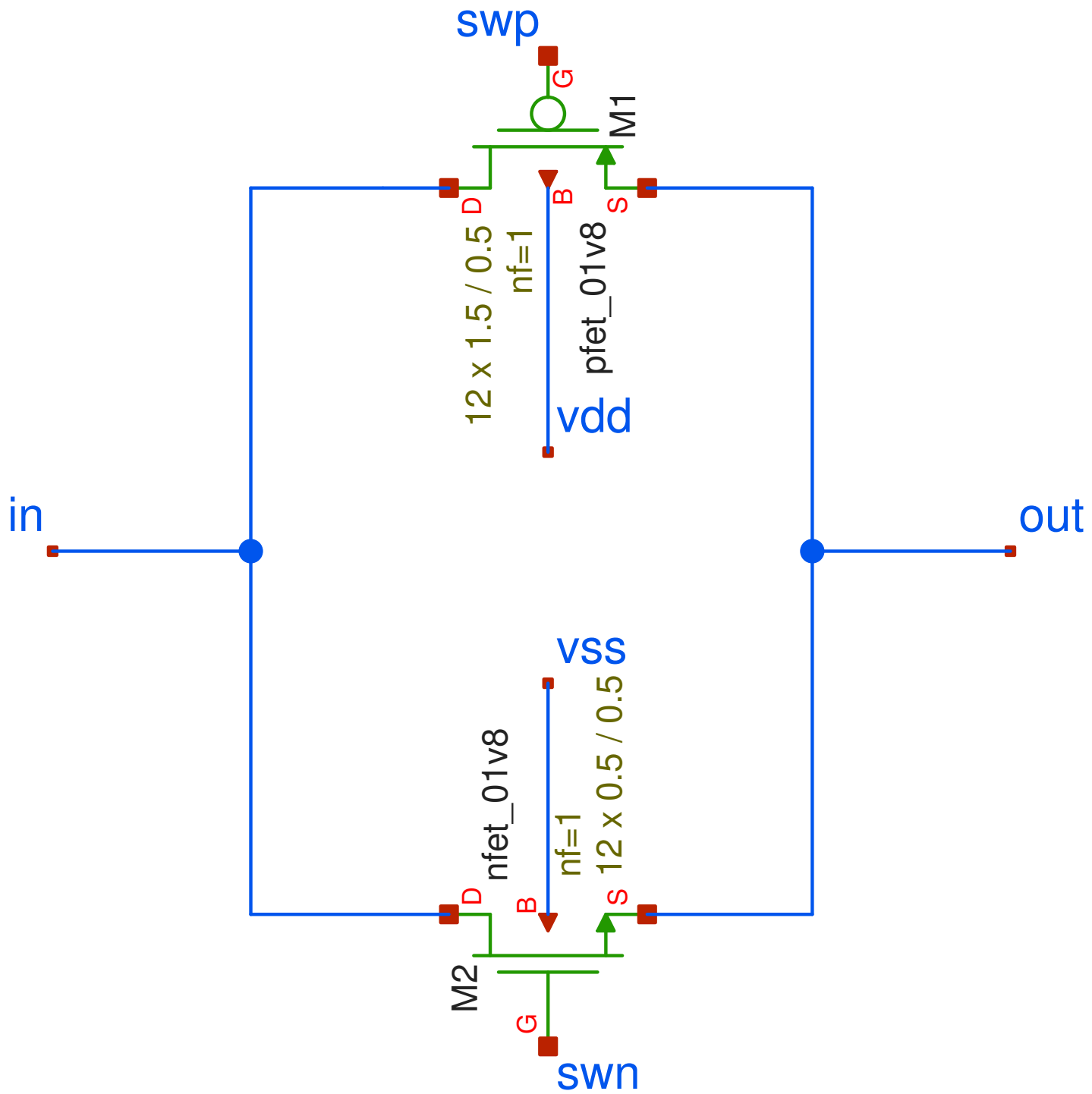
vss

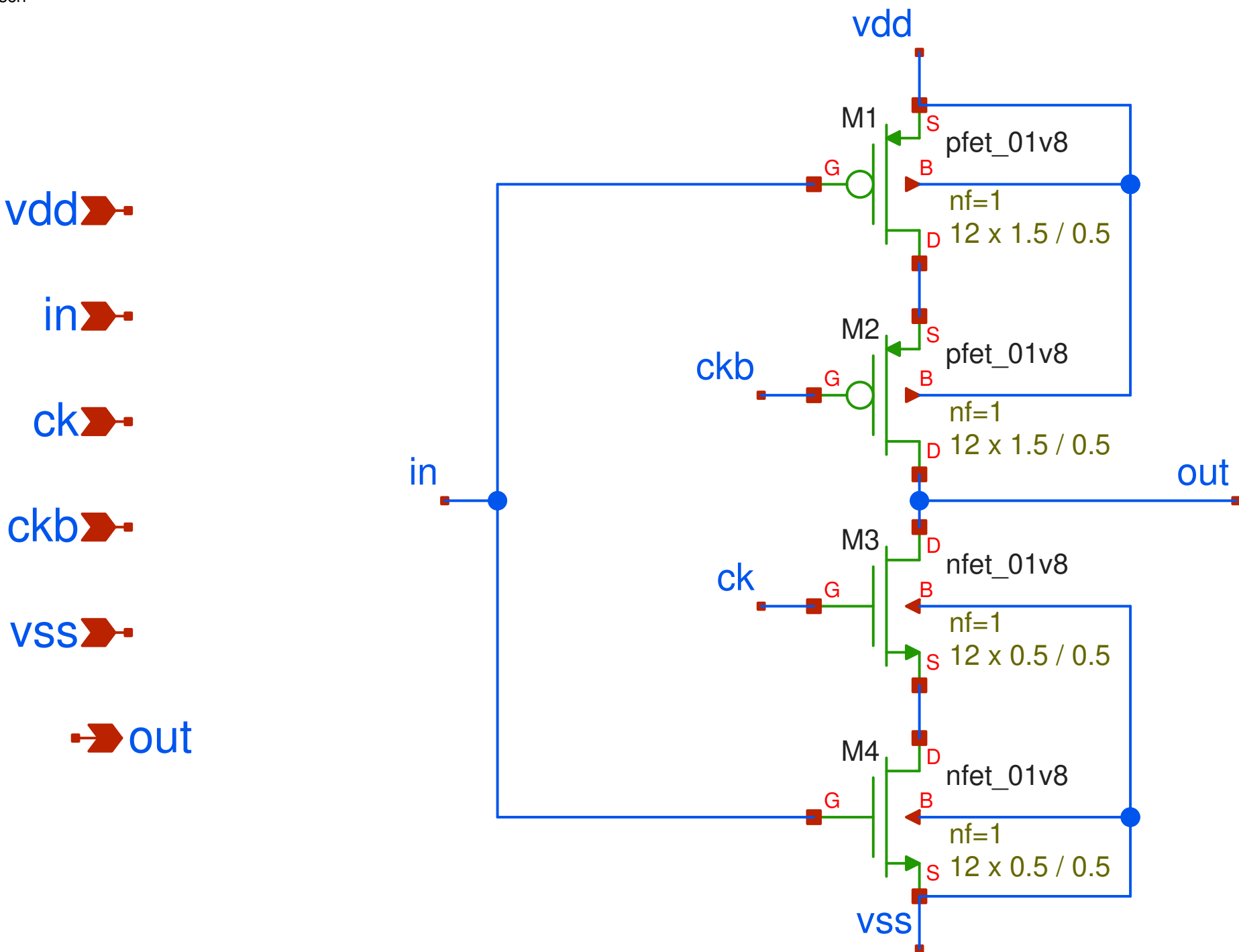
in

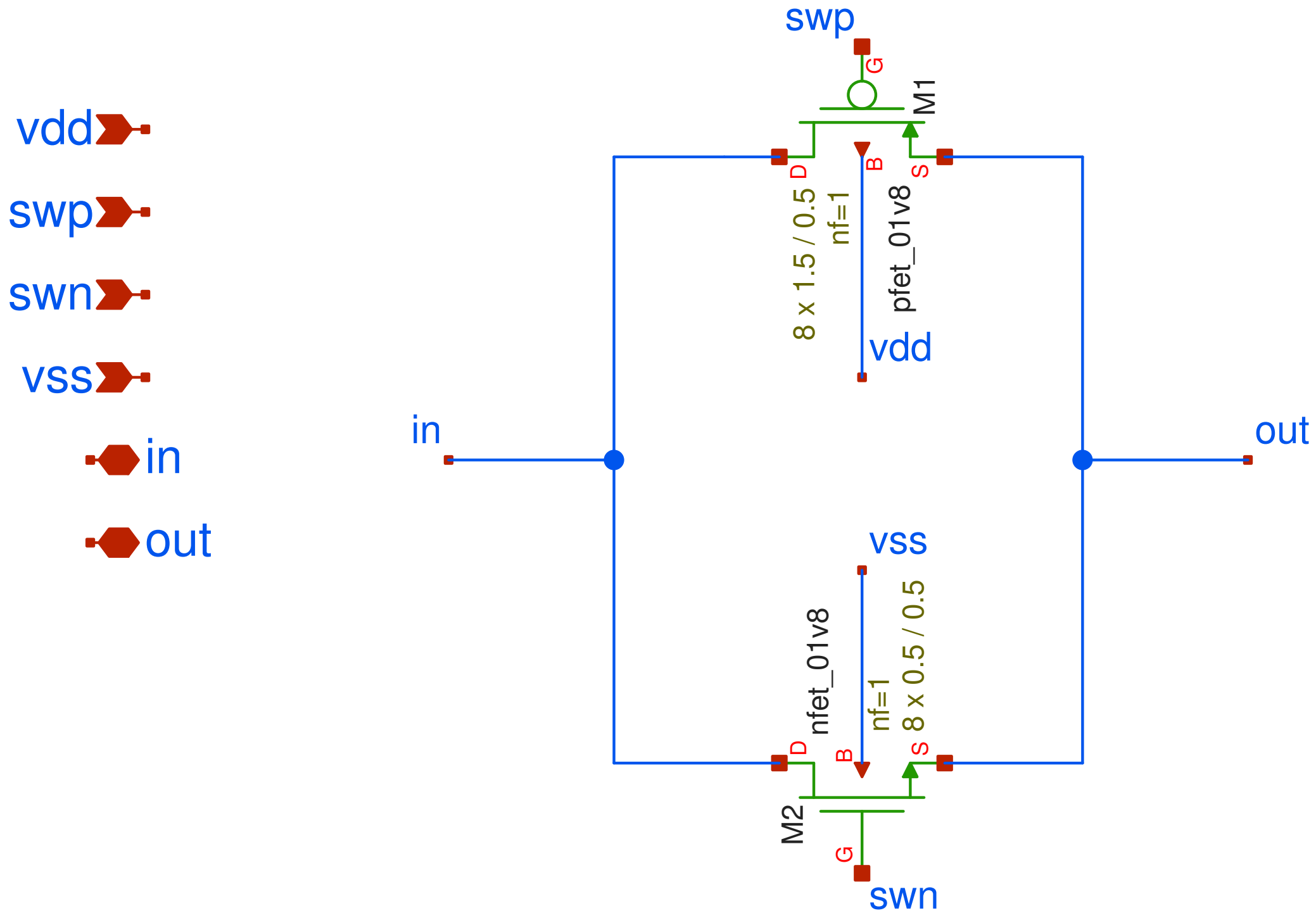
out

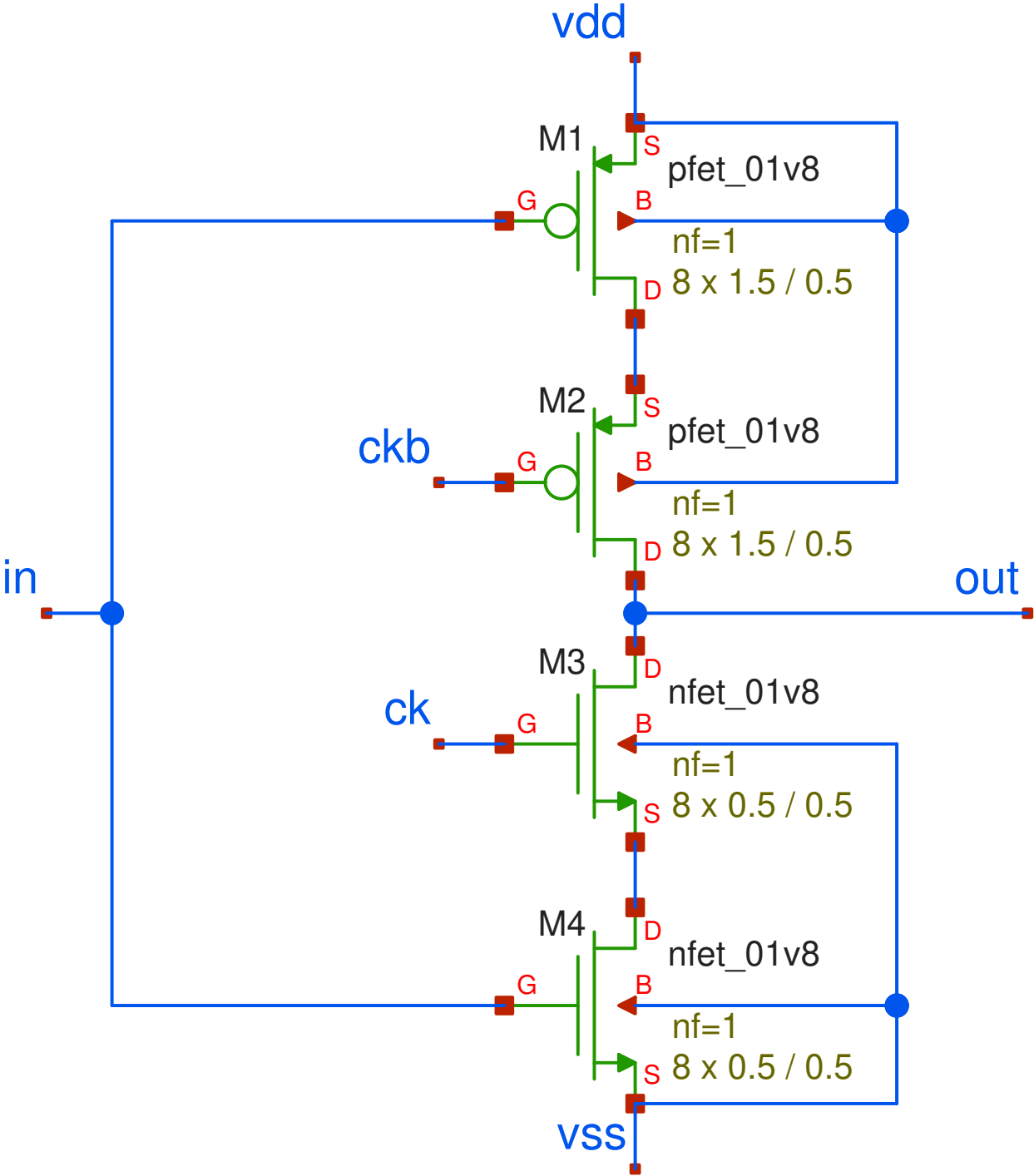
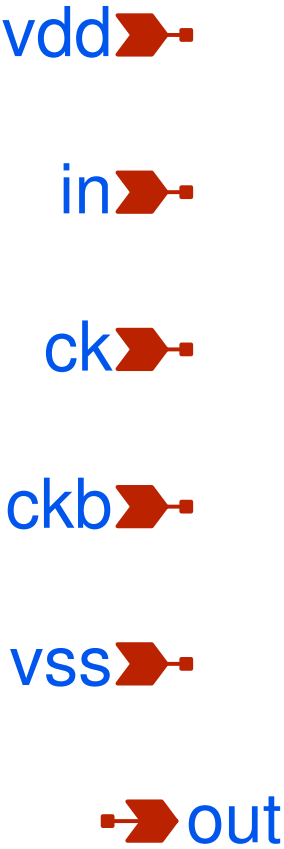












vdd

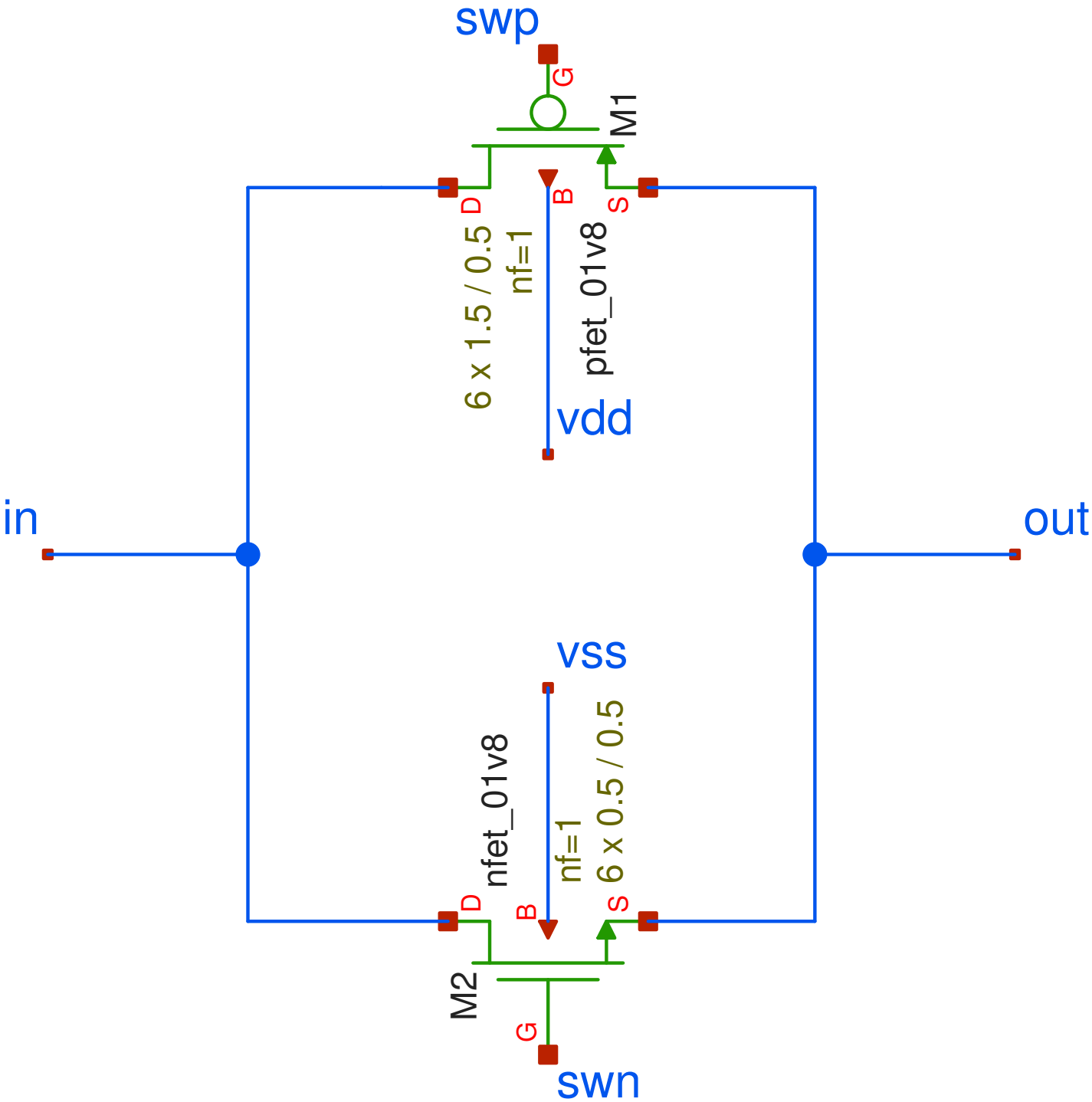
swp

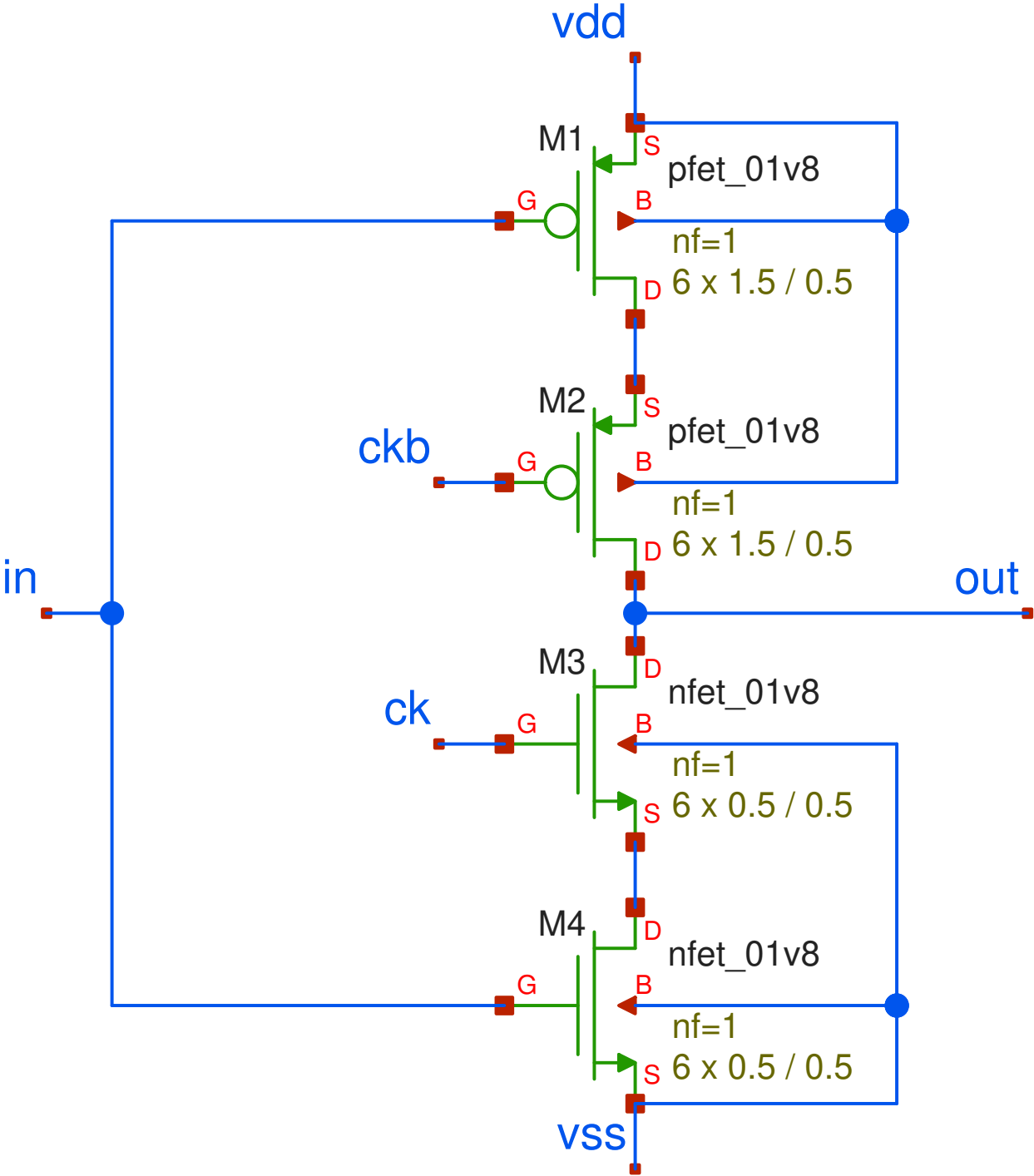
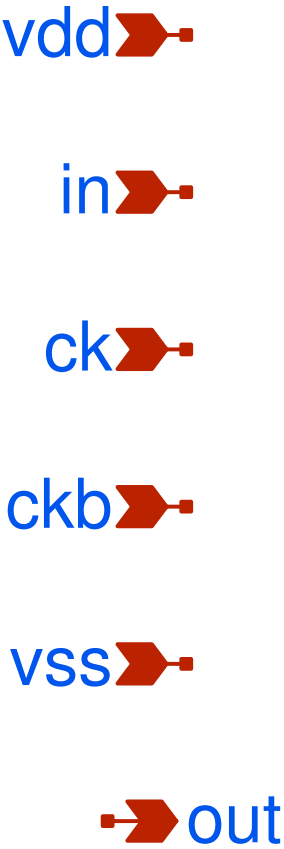
swn

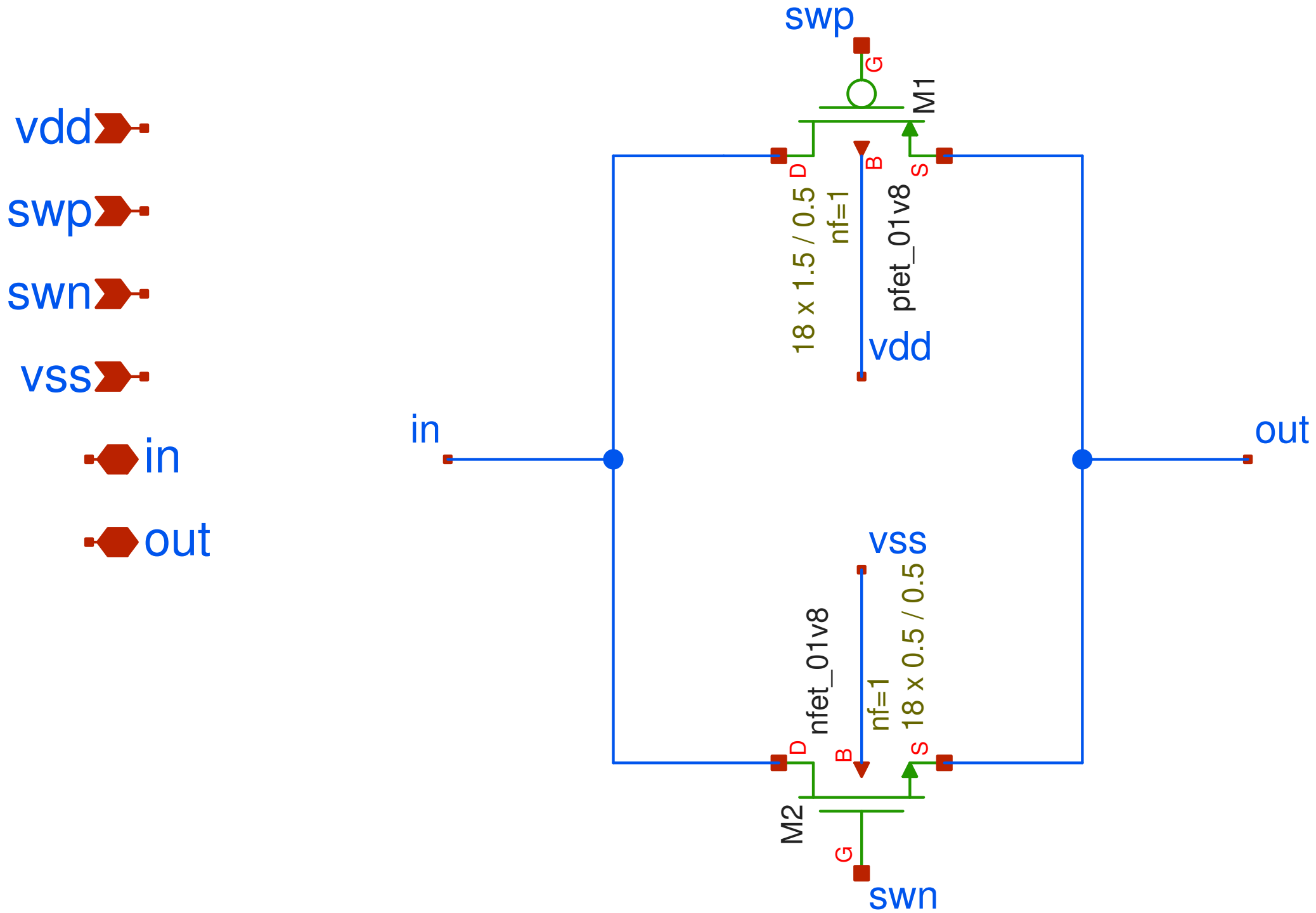
vss

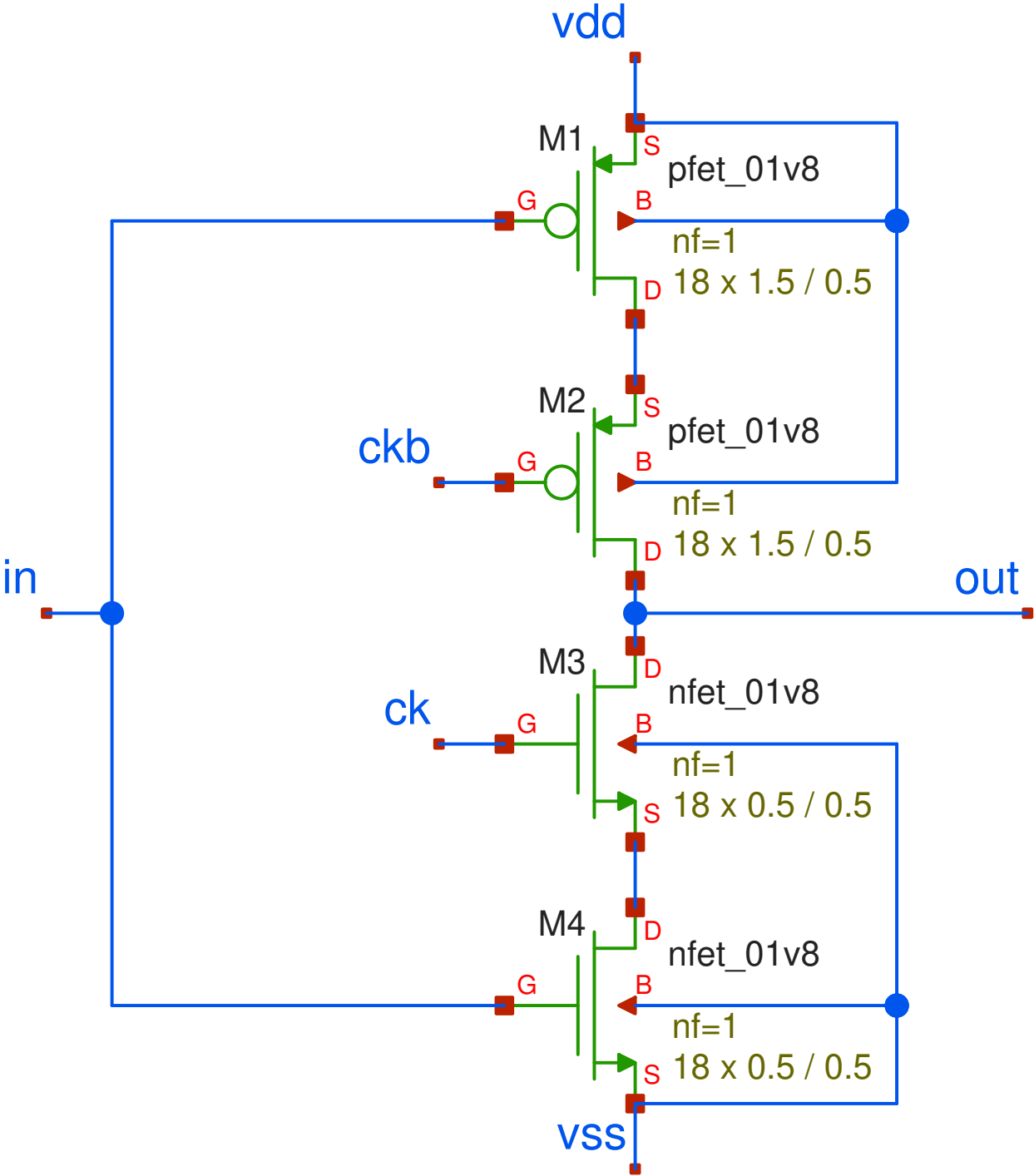
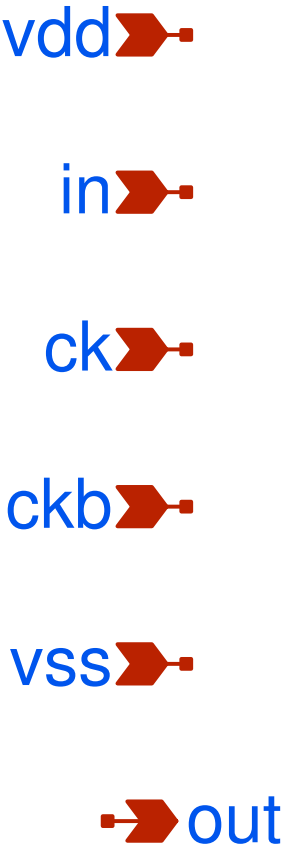
in

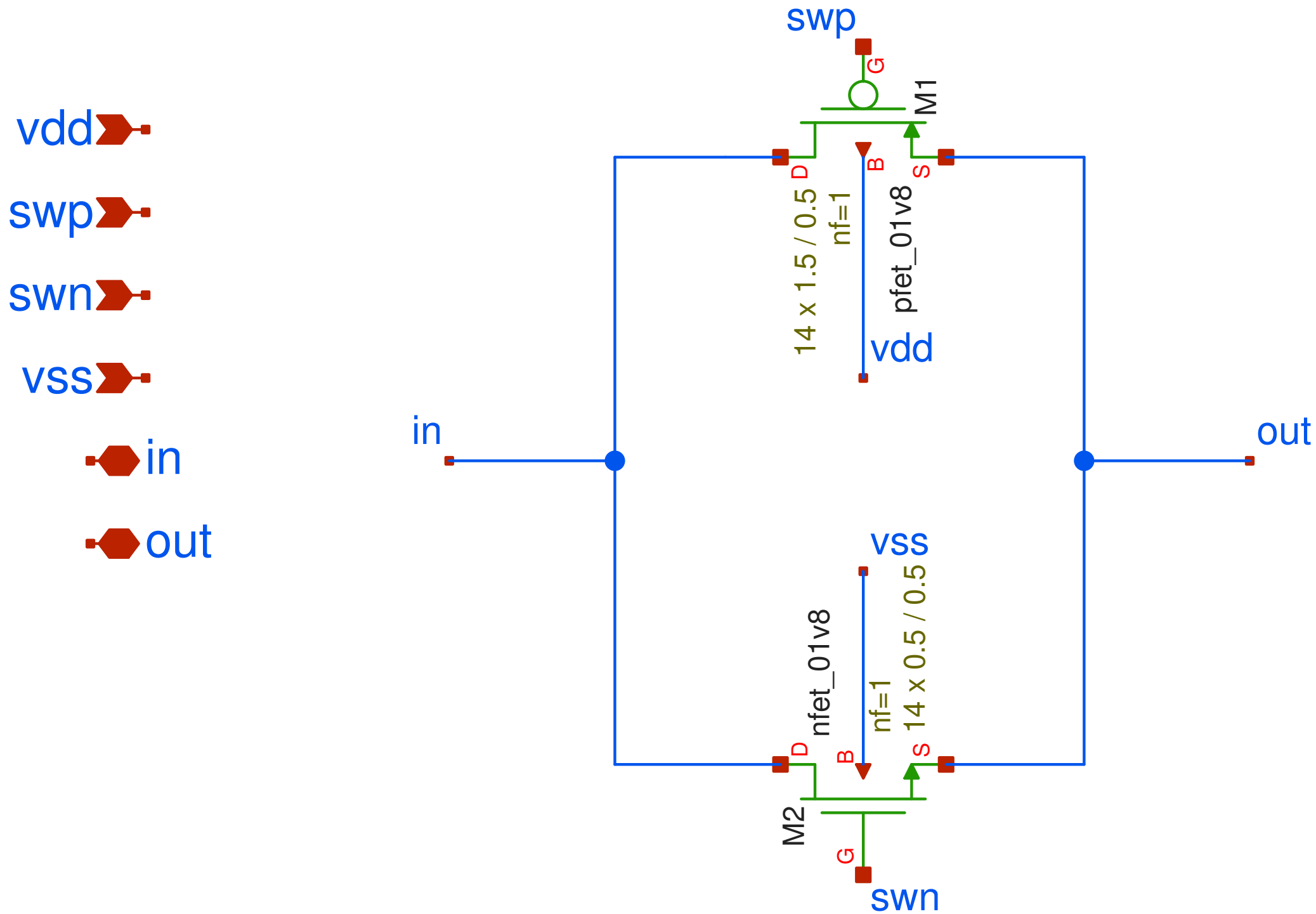
out

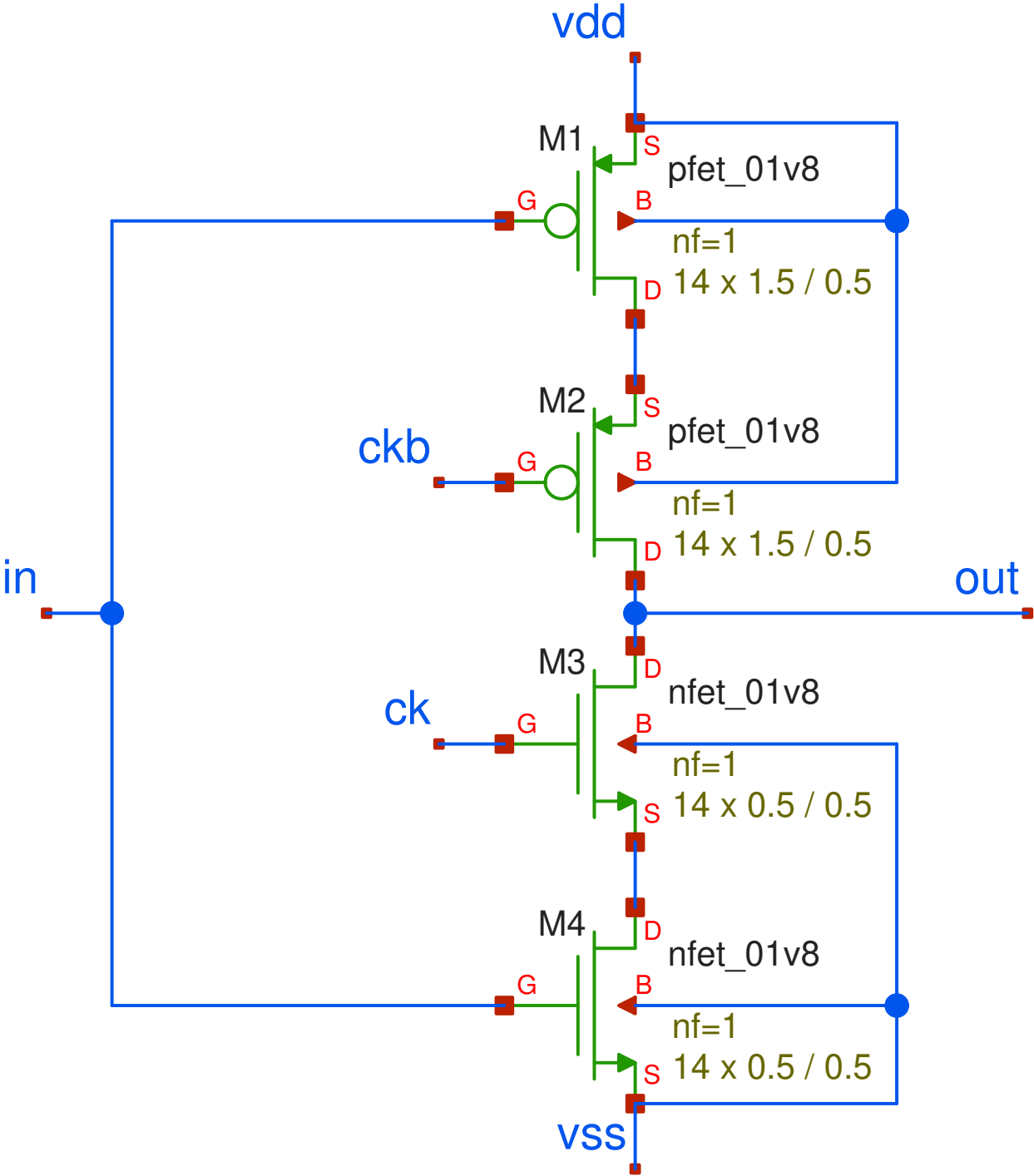
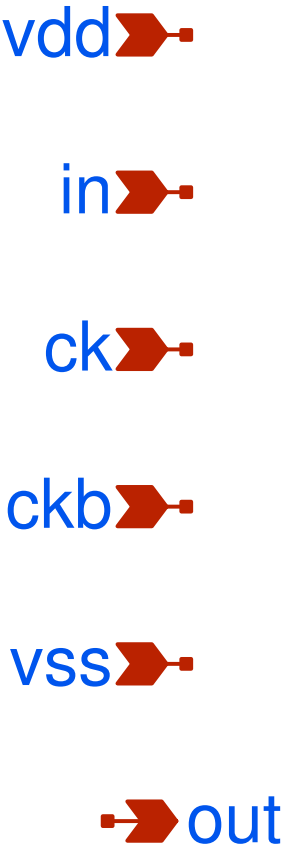












vdd

swp

swn

vss

in

out

