/mnt/c/Users/NITHIN P/2stageopamptry.sch

Nithin P
https://www.linkedin.com/in/nithin-purushothama-70664727b/

2stageopamp

.lib /home/nithinpuru/pdk/volare/sky130/versions/cd1748bb197f9b7af62a54507de6624e30363943/sky130A/libs.tech/ngspice/sky130.lib.spice tt
.ac dec 20 1 1e12
.save all

VDD

minus
0 AC 1
V4

plus
V5
0 AC 1

V3
1.2

GND

VDD

I0
30u

M3
pfet_01v8
nf=1
1 x 0.75 / 0.5

M4
pfet_01v8
nf=1
1 x 0.75 / 0.5

M6
pfet_01v8
nf=1
1 x 17 / 0.5

C1
3p
m=1

vout

vdiffout

M1
nfet_01v8
nf=1
1 x 0.75 / 0.5

M2
nfet_01v8
nf=1
1 x 0.75 / 0.5

minus   VSS

VSS   plus

C2
10p
m=1

VSS

VDD   VSS
V1   V2
1.8   -1.8

GND   GND

M8
nfet_01v8
nf=1
1 x 0.75 / 0.5

M5
nfet_01v8
nf=1
1 x 0.75 / 0.5

VSS   VSS

M7
nfet_01v8
nf=1
1 x 6.5 / 0.5

VSS

XSCHEM

Nithin P

2024-04-10 13:27:13

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