



$|A_0| = 10$ (20 dB) (ideal)
 $A_{dc} = 580$ (55.3 dB)
 $|A_0| = 9.8$ (19.8 dB) (effective)
 $f_c = 100$ kHz (ideal)
 $f_c = 102$ kHz (effective)
 $GBW = 1.0$ MHz (ideal)
 $GBW = 1.0$ MHz (effective)

$L = 1 \mu\text{m}$
 $C_L = 1$ pF
 $C_S = 1$ pF
 $C_F = 100.000$ fF
 $C_{GD} = 2.773$ fF
 $C_{in} = 49.908$ fF
 $\beta = 0.087$
 $IC_{opt} = 0.05$
 $I_{b,opt} = 272$ nA
 $W_{opt} = 7.57 \mu\text{m}$