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$g_sT^{?Dgs}????_{gss}\Omega_{ref}\Omega??$

$\omega_c\mu$
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$ov0??$

$\lambda???$

$oDLD\Omega??$
sim.png Simulated common source amplifier circuit
 $D??$
bandwidth.jpg Simulated frequency response of NMOS amplifier
 $??$
FFT.jpg Simulated FFT of second harmonic distortion
 $??$
 Q_1, Q_2, Q_3
 $R_{ref} \quad \Omega$
 $R_D \quad \Omega$
 $R_S \quad \Omega$
 $R_G \quad \Omega$
 $C_gC_dC_l \quad \mu$