

SPICE PROJECT 4

In the circuit shown below the transistor parameters are: $\beta=120$, $V_{BE(ON)}=0.7\text{ V}$, $V_A=100\text{V}$, $C_{\mu}=1\text{pF}$, $f_T=600\text{MHz}$. Determine C_{π} and equivalent Miller capacitance C_M by calculations. Find the upper and lower 3 dB frequency and mid-band gain using SPOICE simulations

