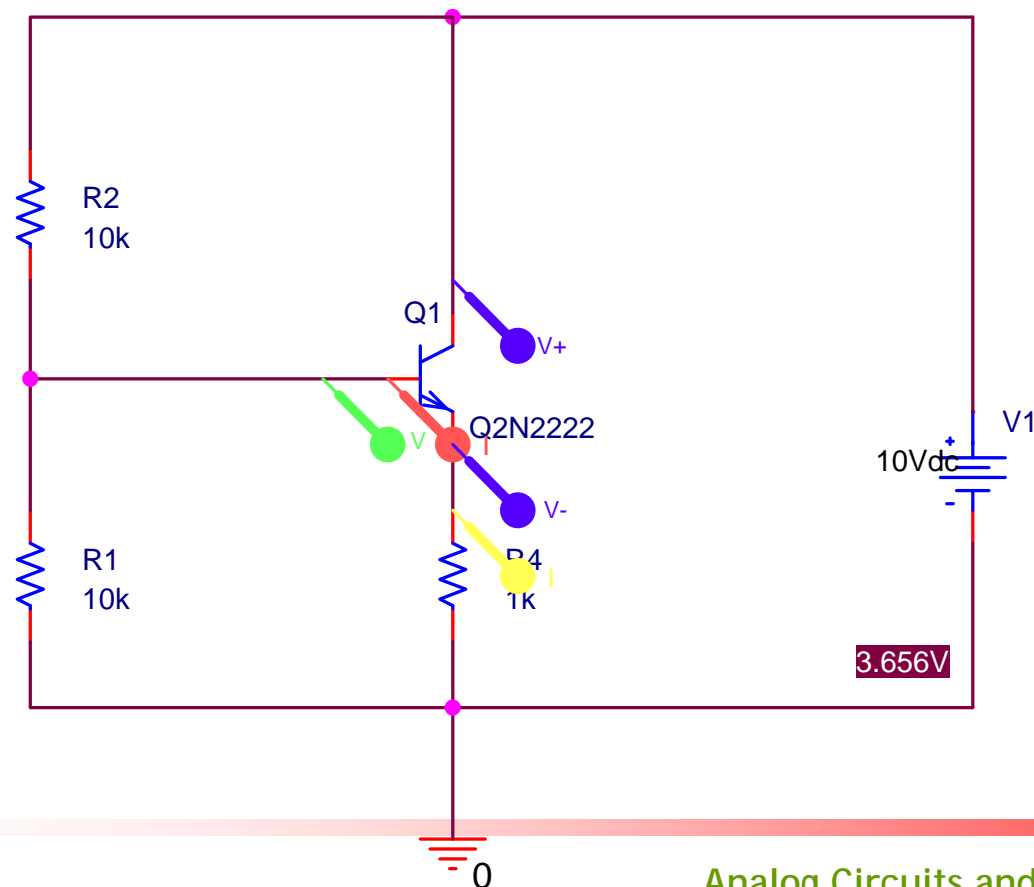

Lab. 6

Common-Collector Amplifiers



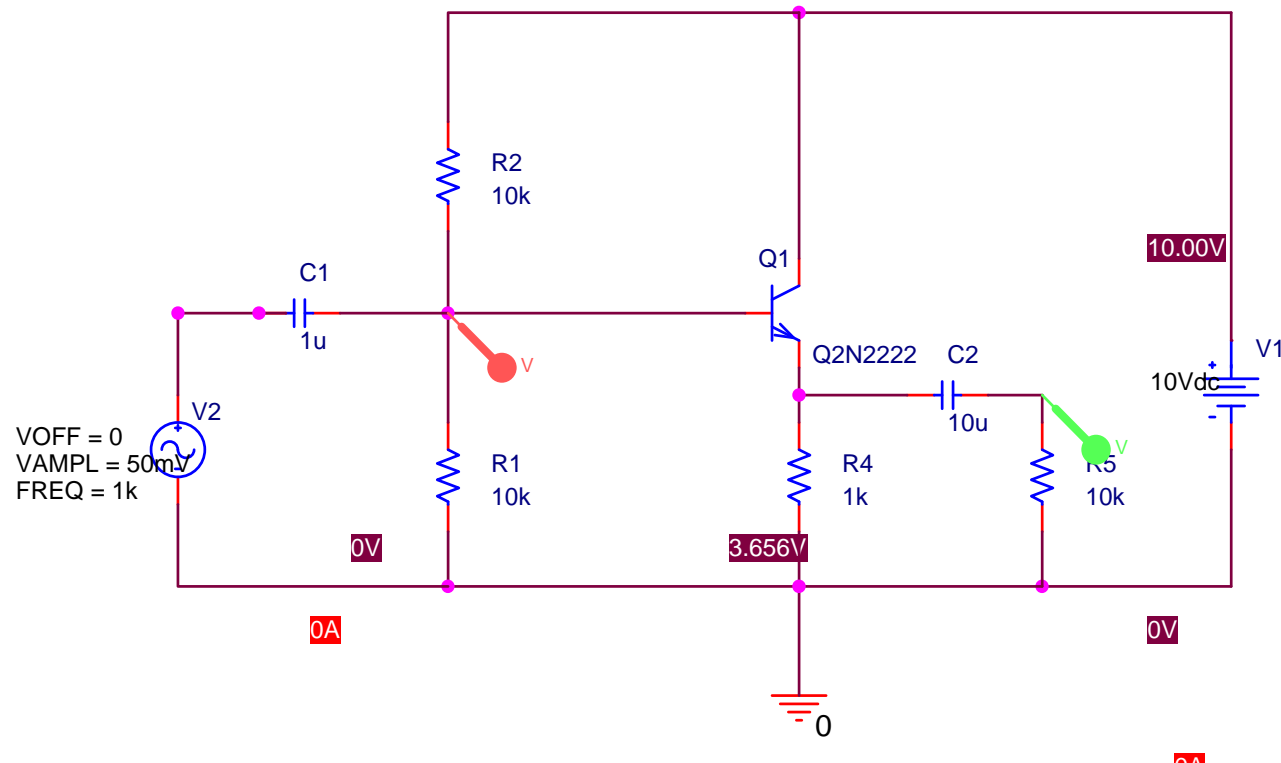
Small-Signal CC Amplifier

✓ DC analysis



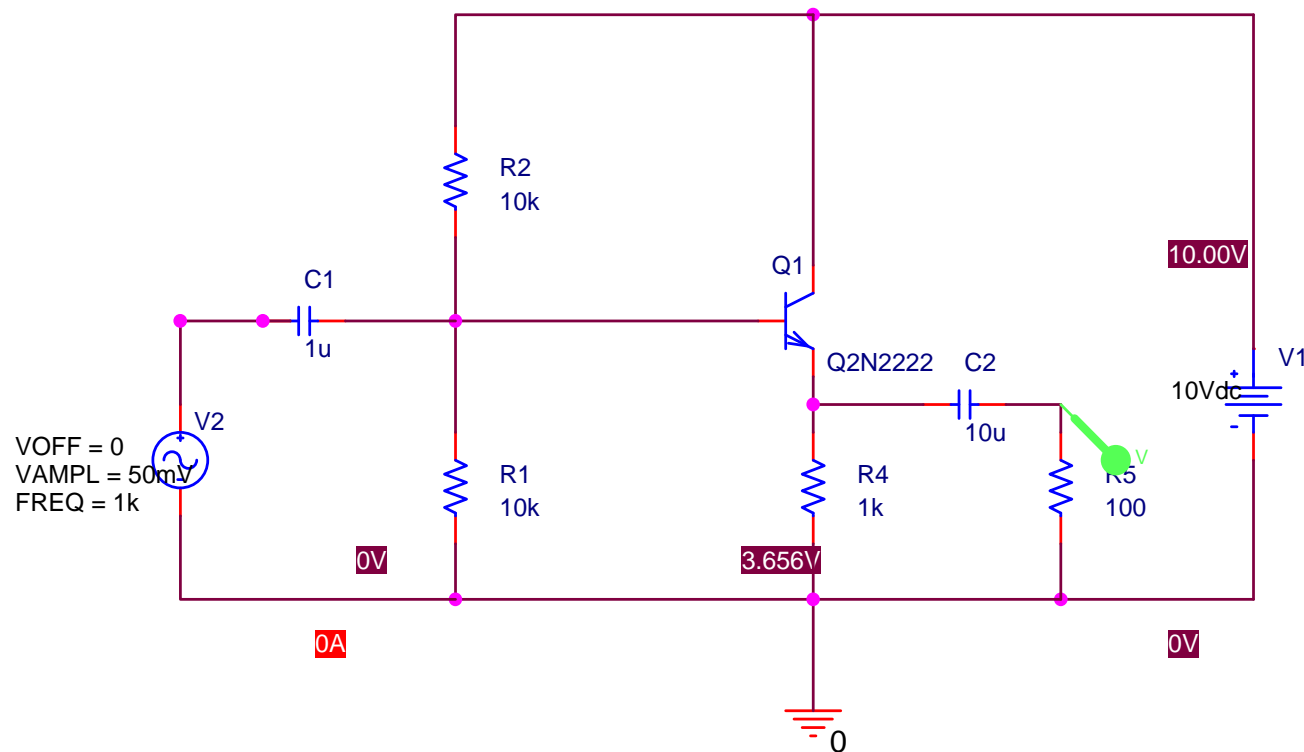
Small-Signal CC Amplifier

- ✓ Common-collector amplifier circuit (pp. 167, Fig. 9-7)



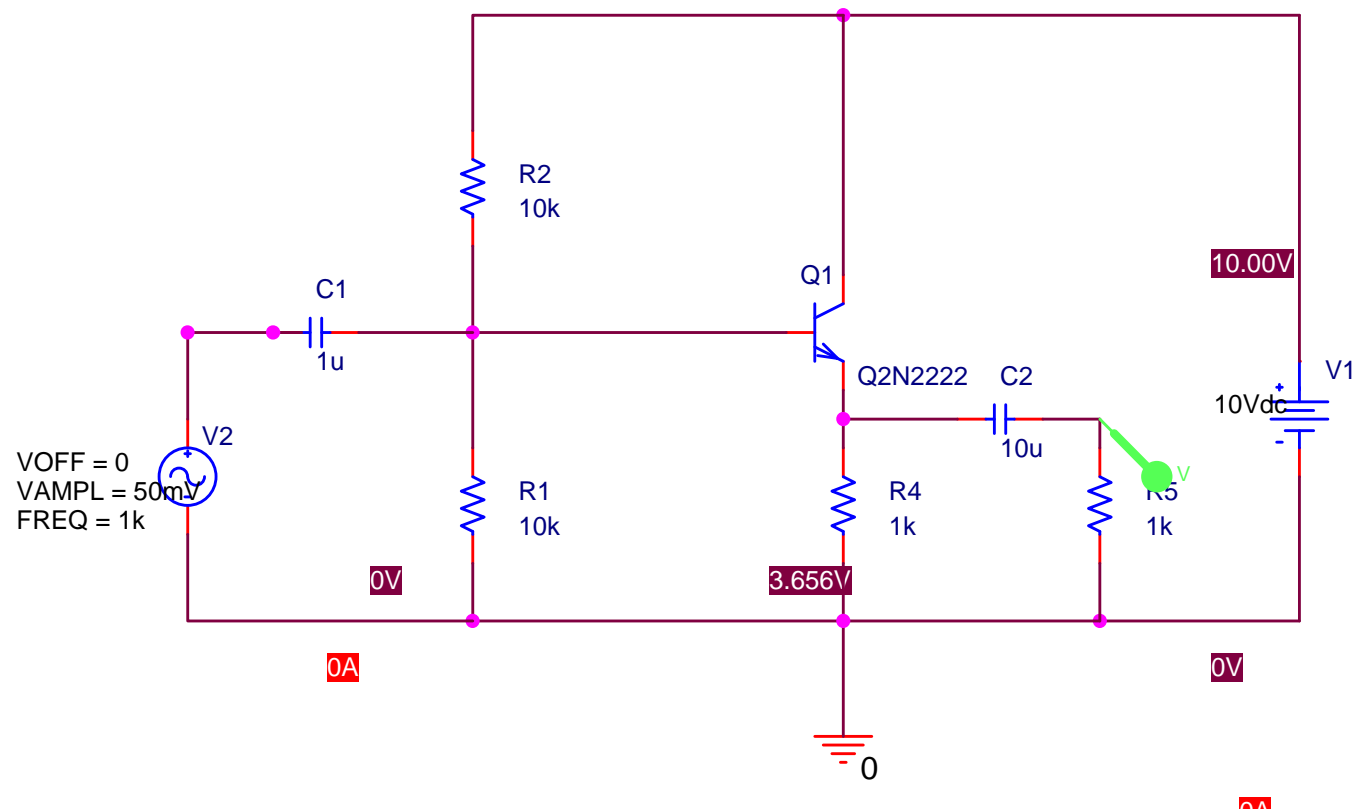
Small-Signal CC Amplifier

- ✓ Load resistance $R_5 = 100$



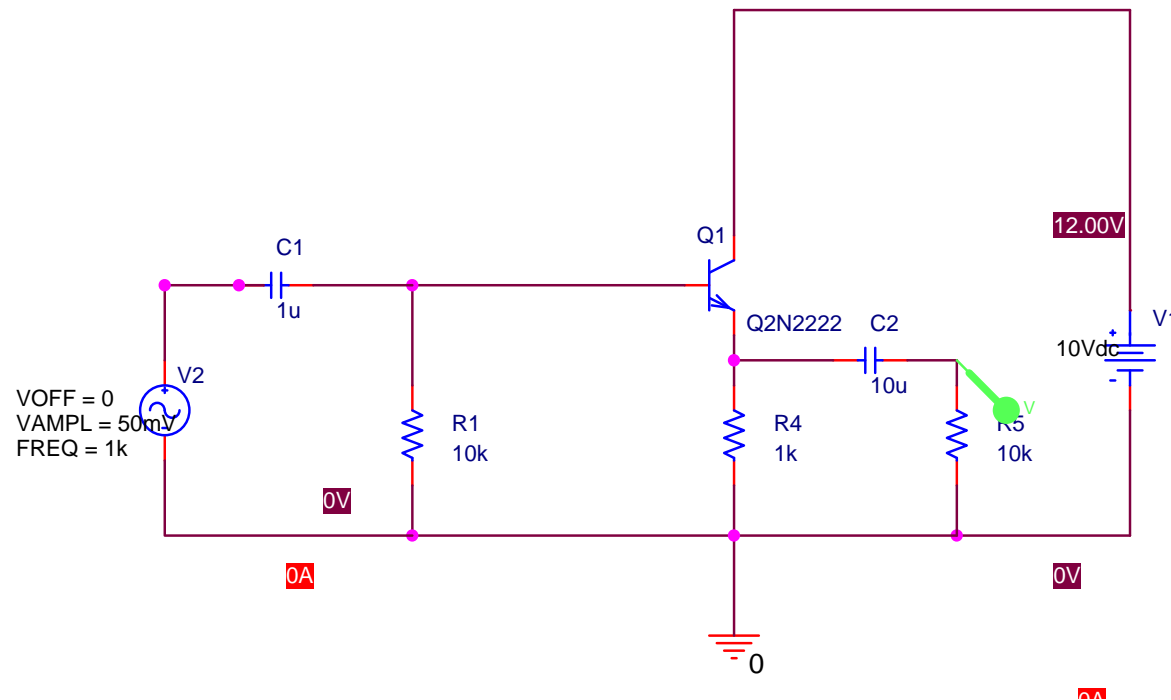
Small-Signal CC Amplifier

- ✓ Load resistance $R_5 = 1\text{k}\Omega$



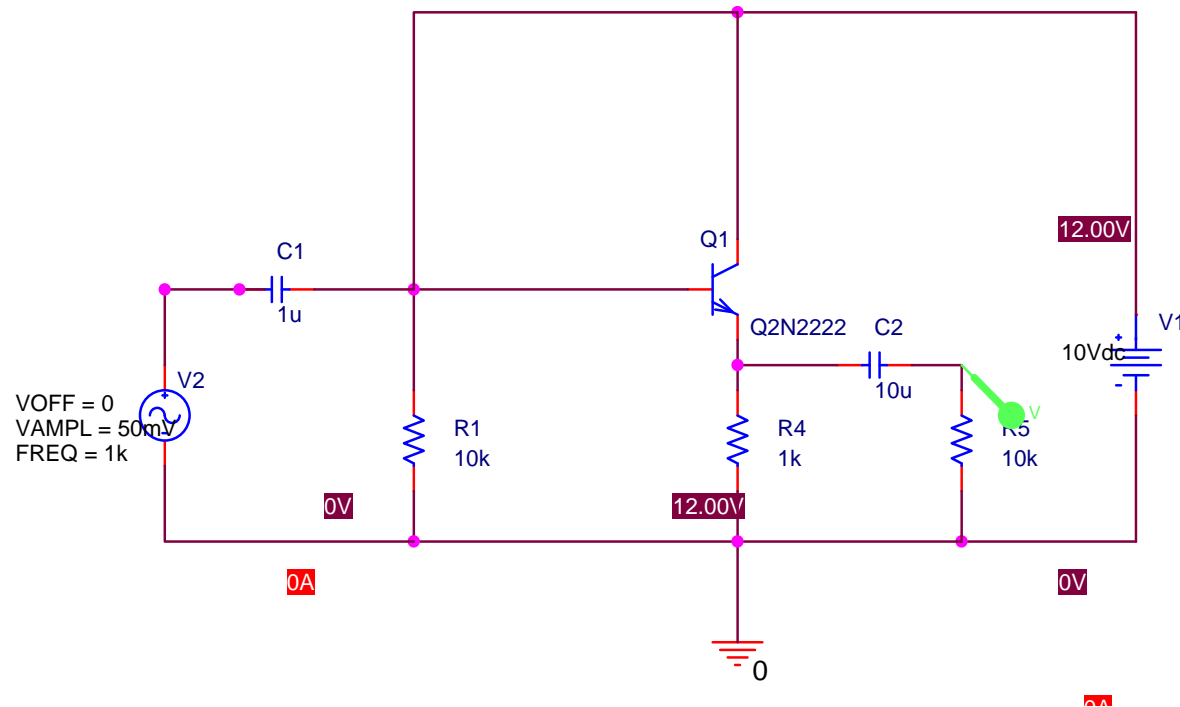
Small-Signal CC Amplifier

✓ R_2 open



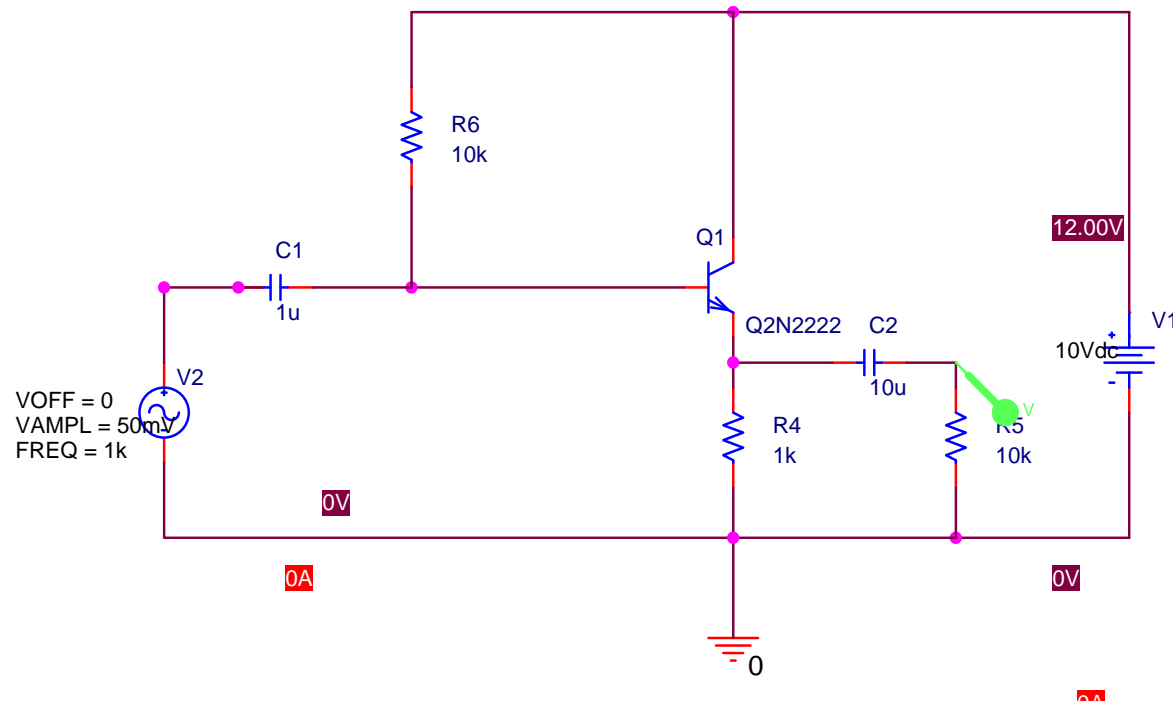
Small-Signal CC Amplifier

✓ R_2 short



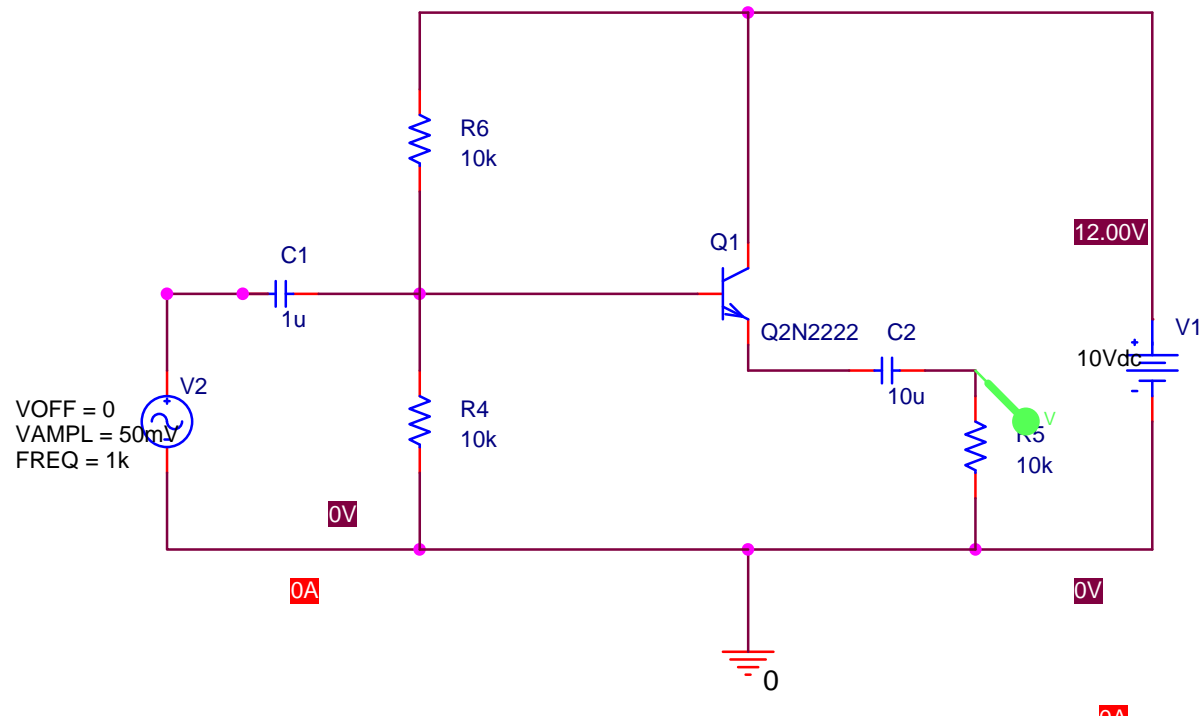
Small-Signal CC Amplifier

✓ R_1 open



Small-Signal CC Amplifier

✓ R_4 open



Contents of Lab. Report

- ✓ Team No.: _____ PID: _____ Name: _____
- ✓ Introduction
- ✓ Small-Signal CC(Common-Collector) Amplifier Test Results
- ✓ Discussion & Conclusion



Pre-Report (Lab. 7)

- ✓ PSPICE simulations of a MOSFET test circuit!
- ✓ Submit the schematic diagrams and the simulation results.
- ✓ No need of introduction and discussion in pre-report.

