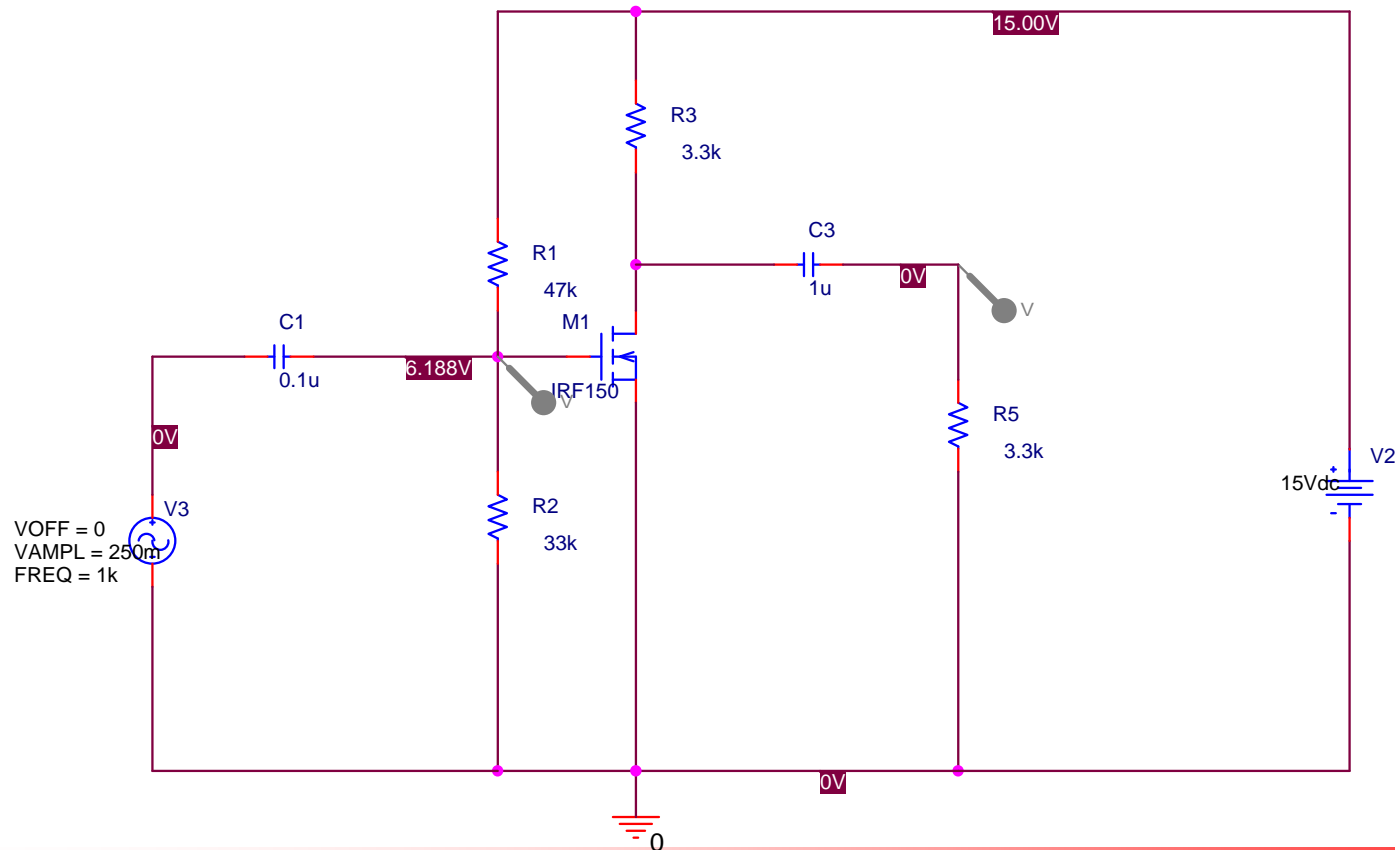

Lab. 8

Common-Source Amplifiers (MOSFETs)



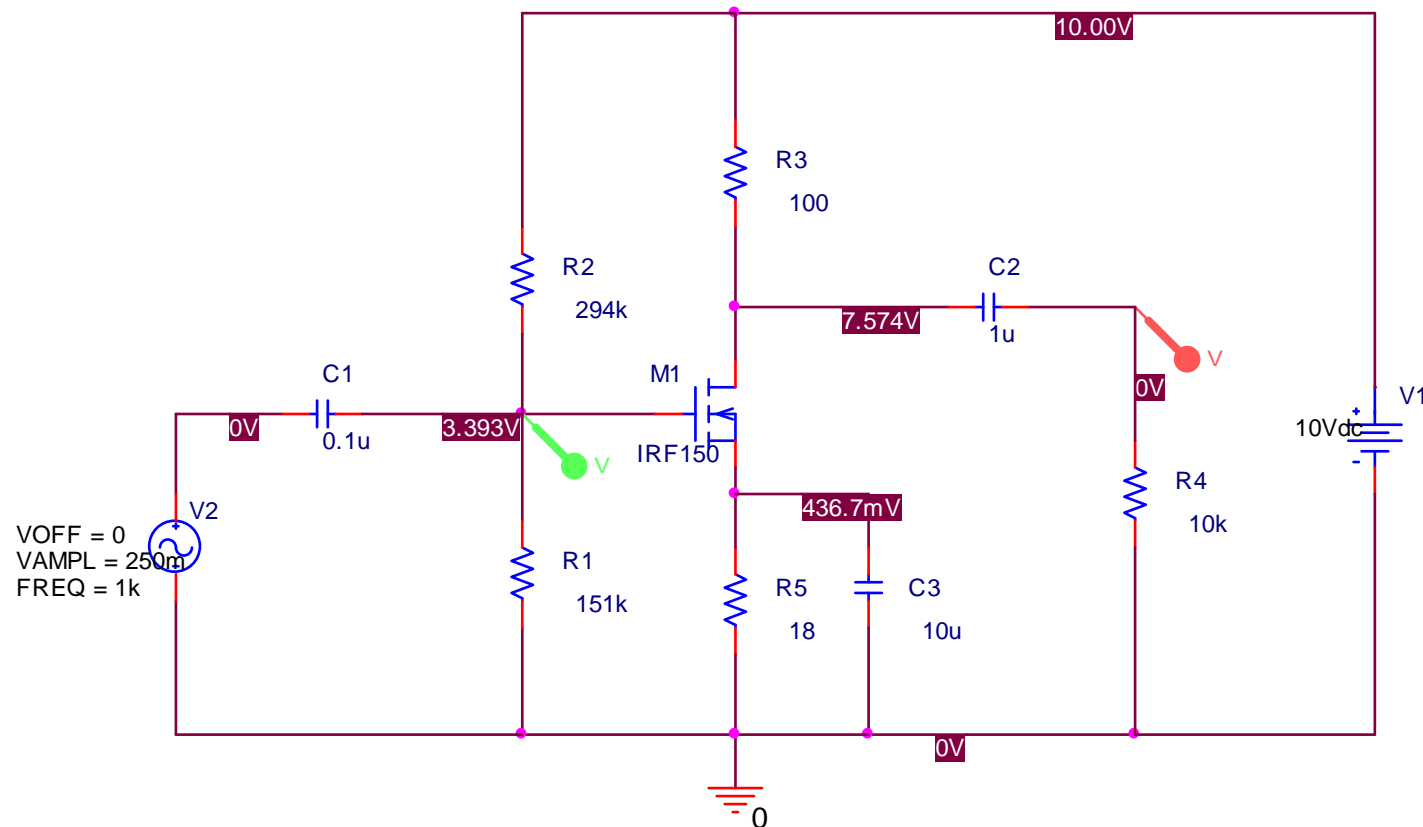
CS Amplifier (E-MOSFET)

- ✓ CS E-MOSFET amplifier circuit (pp. 264, Fig. 15-10)



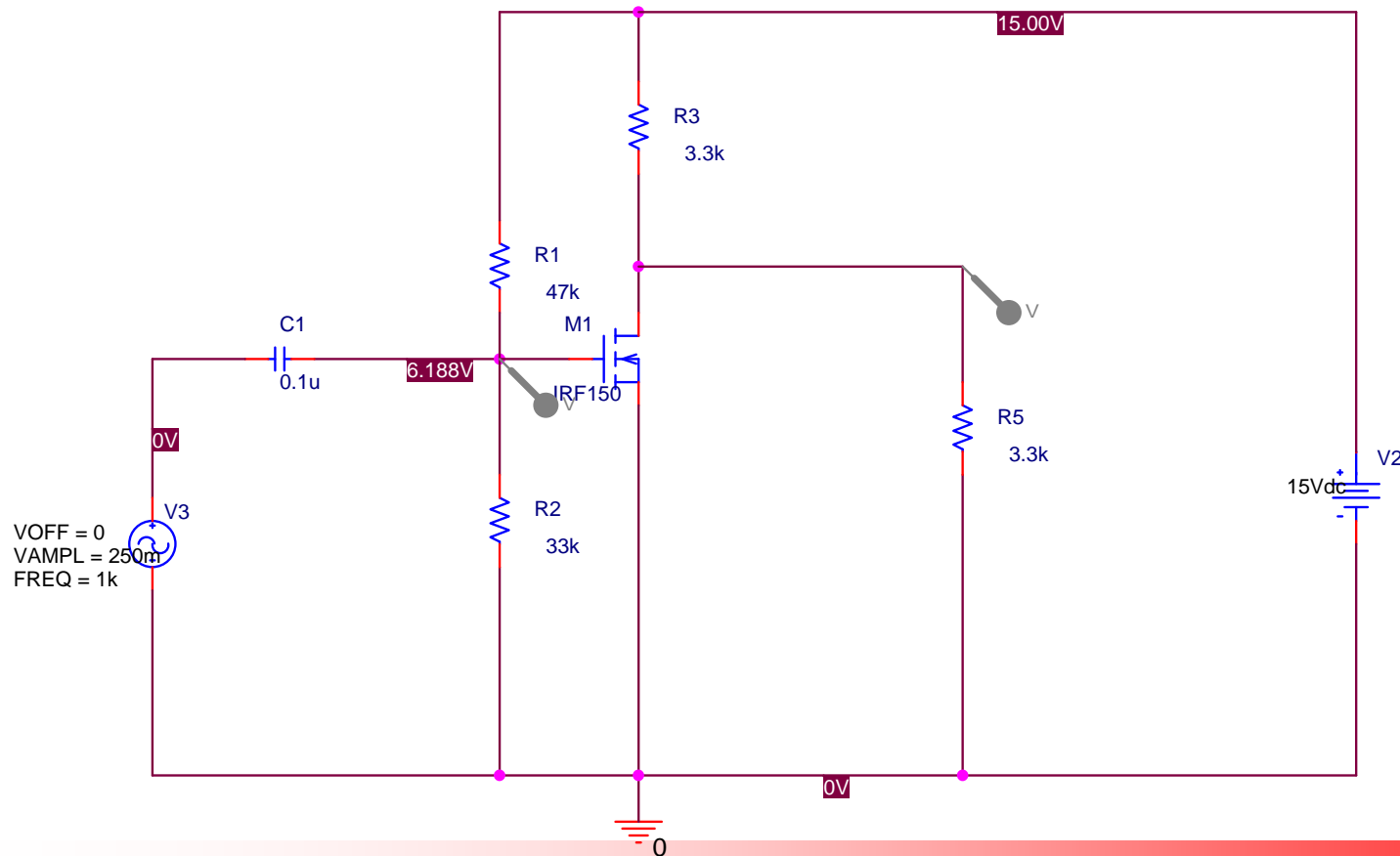
CS Amplifier (E-MOSFET)

if the previous circuit malfunctions



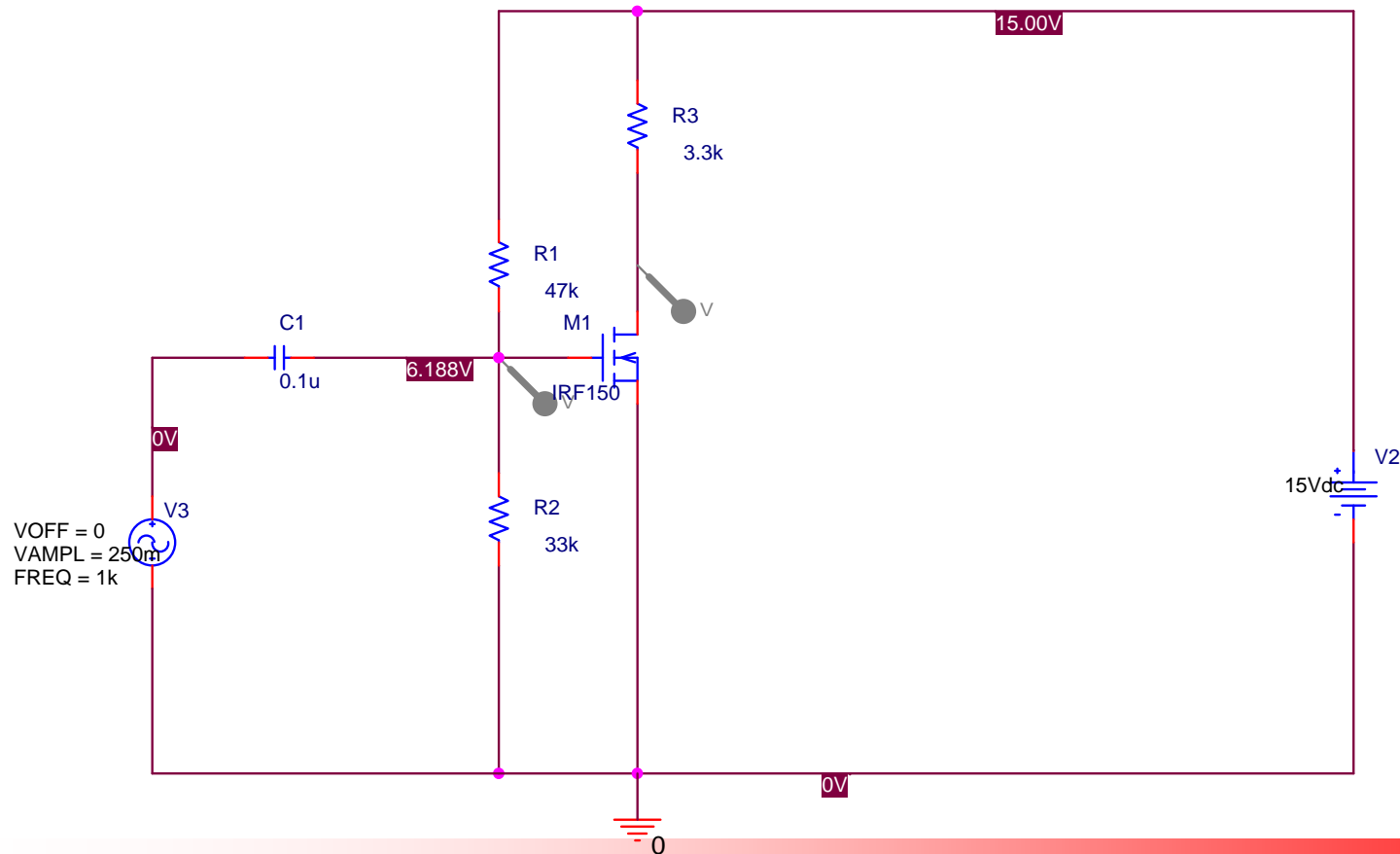
CS Amplifier (E-MOSFET)

- ✓ CS E-MOSFET amplifier circuit (pp. 264, Fig. 15-10, C_2 removed)



CS Amplifier (E-MOSFET)

- ✓ CS E-MOSFET amplifier circuit (pp. 264, Fig. 15-10, R_L open)



Contents of Lab. Report

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



Pre-Report (Lab. 9)

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

