

Table 1: ECE 230L Laboratory 6 Grading Rubric

Criteria	Points Possible
Circuit Schematic used to simulate MOSFET	10
Verification of ZETEK BS170 Plots	8
Extracted BS170 parameter simulation	15
Plot of I_{DS} vs $V_{DS}(V_{GS})$	15
Class average BS170 parameter simulation	20
Average Calculation	5
Plot of I_{DS} vs $V_{DS}(V_{GS})$	15
Manufacturer specified BS170 parameter simulation	15
Plot of I_{DS} vs $V_{DS}(V_{GS})$	15
Compare values of V_{TH}, K_p, and λ for all three simulations	15
Comment on the effects of V_{TH}, K_p, and λ on the graphs	10
Extension	7
Total	100