Lab 2 Calculation

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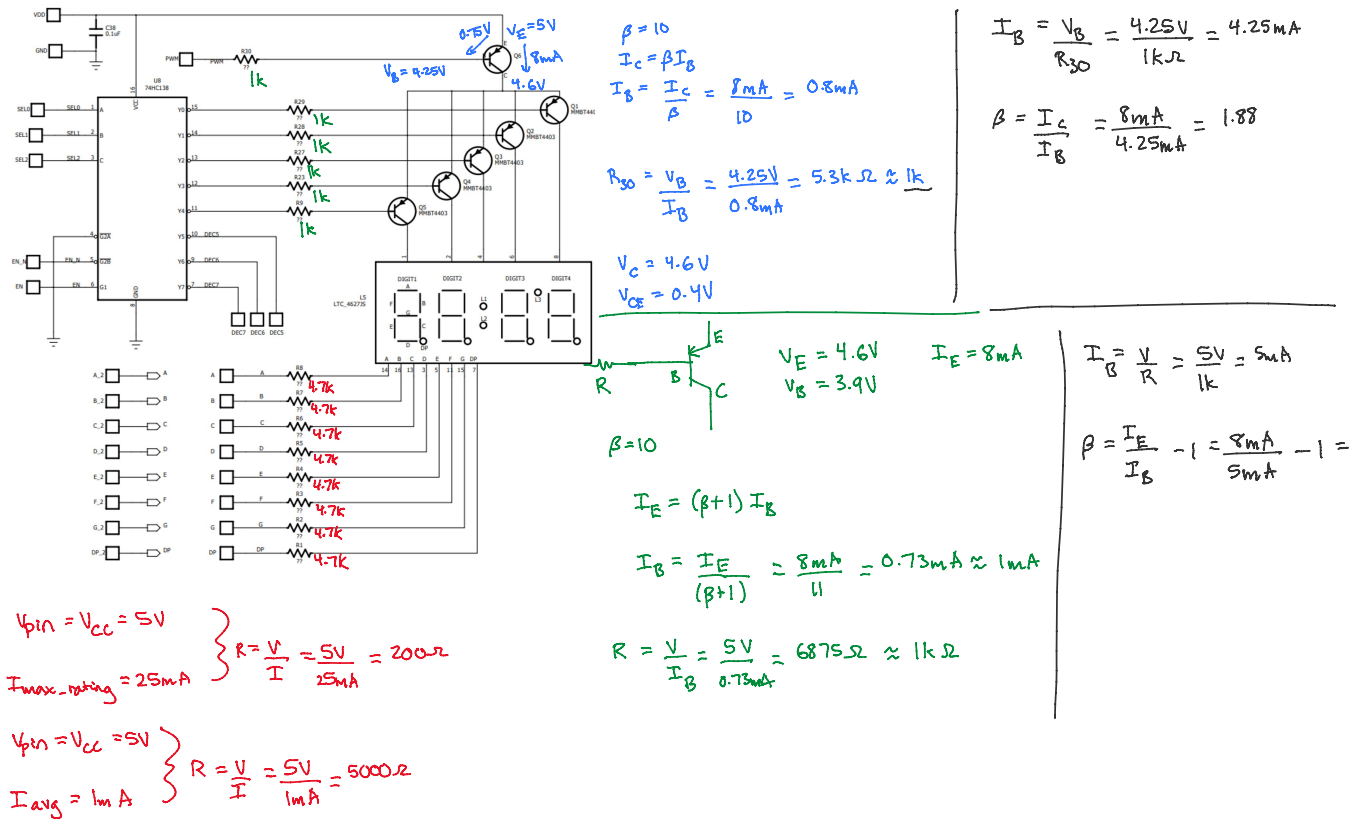

When the gain is under 100 it makes the BJT in saturation mode, otherwise it would be in the active region. This causes a switching effect on the BJT. The result of the of the BJT's gain in this case is β = 0.6 and β = 1.88.