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Lab Task 4

Doc/Pdf File Submission

After you are done submitting the following lab questions, submit the doc/pdf file and proteus project file here

The filename must be like this: `Lab_4_StudentID_FullNameWithoutSpace.pdf/doc.` For example, if you are a student whose StudentID is "18101485" and name is "Sowmitra Das", your filename will be: Lab_4_18101485_SowmitraDas.pdf/doc.

Lab Task 4

0 points possible (ungraded)
Use $2n2222$ BJT to find the collector current i_c when

1. base current $i_b = 6\mu A$ and collector emitter voltage v_{ce} = 0.11 V

2. base current $i_b = 15\mu A$ and collector emitter voltage v_{ce} = 0.71 V

3. base current $i_b = 14\mu A$ and collector emitter voltage v_{ce} = 0.66 V

4. base current $i_b = 7\mu A$ and collector emitter voltage v_{ce} = 0.95 V

5. base current $i_b = 14\mu A$ and collector emitter voltage v_{ce} = 0.28 V

Create a table with the above 5 values of collector current i_c along with corresponding base current i_b and collector emitter volage v_{ce} and submit it in the google form . You don't need to write anything else

Submit

ⓘ   Answers are displayed within the problem

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