EIE2810 Digital Systems Design Laboratory

Laboratory Report #1

Name: Tengfei Ma

Student ID: 121090406

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The Chinese University of Hong Kong, Shenzhen

In the beginning, include a short paragraph on what experiments you have done during this lab in an itemized manner.

* Experiment A: e.g. learn to use logic analyzer
* Experiment B: e.g. roughly understand how to read datasheet
* Experiment C: e.g. build AND circuits based on diodes
* Experiment D: e.g. build AND circuits based on transistors
* Experiment E: e.g. basic experiment in AND gate 74HC08
* Experiment F: e.g. basic experiment in AND gate 74LS08
* Experiment G: e.g. basic experiment in NOT gate 74HC04

## Experiment A

* 1. Design (include this if you are required to design circuit, etc.)
  2. Result (include this if you have experiment results, and discuss the observations you made during the lab)
  3. Questions (include this if you are asked to answer some questions)

## Experiment B

* 1. Design (include this if you are required to design circuit, etc.)
  2. Result (include this if you have experiment results, and discuss the observations you made during the lab)
  3. Questions (include this if you are asked to answer some questions)

## x. Conclusion

In this section, briefly summarize what you have done, and provide some insight you have learned. E.g. in the lab #0, you may conclude that we should first wire the components in breadboard to verify the design and there is no malfunctioning component, then we can start soldering.