CDA 4203L

Computer System Design Lab

Lab 1 Report

ALU Design

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| --- | --- |
| Today’s Date: |  |
| Your Name: |  |
| Your U Number: |  |
| No. of Hours Spent: |  |
| Exercise Difficulty:  (Easy, Average, Hard) |  |
| Any Other Feedback: |  |

Question 1: ALU Schematic

Question 1: Briefly describe how your design works.

Question 2: Simulation Waveforms (add as many pages as you need).

Include *at least* two test vectors per function. For example, demonstrate through the waveforms, that the ALU performs inversion correctly on two inputs A, say, 0010 and 0111.