

ECE 204L - BINARY NUMBERS AND CODES - LAB 11

GRAY CODE CONVERSION

WINTER 2004

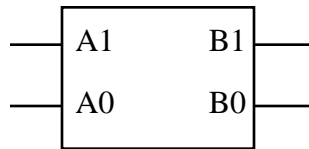
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OBJECTIVE

The objective of this lab is to design and build a circuit that converts gray code to binary.

LAB

1. Given the following logic circuit for converting gray code to binary



- Prelab** - Write out the sequence for a 2-bit gray code
- Prelab** - Design a circuit to convert your gray code to binary. Include pin numbers on your logic diagram
- Build and test your circuit
- Verify that your circuit is working