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## Boolean Arithmetic

Counting is the religion of this generation, its ha—Gertrude Stein (1874–1946)

In this chapter we build gate logic desi arithmetic operations on them. Our start chapter 1, and our ending point is a fully ALU is the centerpiece chip that execute performed by the computer. Hence, build step toward understanding how the Centromputer work.

As usual, we approach this task gradu ground on how binary codes and Boolea represent and add signed numbers. The Sp adder chips, designed to add two bits, thr This sets the stage for the ALU specifical simple logic design. The Implementatio guidelines on how to build the adder chi using the hardware simulator supplied wit

Binary addition is a simple operation operations performed by digital computers binary numbers. Therefore, constructive to the implementation of numerous c way or another.

第 1页 ,共 12页