



INSTITUTO SUPERIOR TÉCNICO

COMPUTER ELECTRONIC SYSTEMS

N-BIT ADDER

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1 Block Diagram 1

I. Introduction

II. Block Diagram

The 4-bit adder block diagram is shown in Fig 1. 4-bit adder contains two inputs, (A) and (B) and one output (Y). The main purpose of this circuit is to add two n-bit numbers.

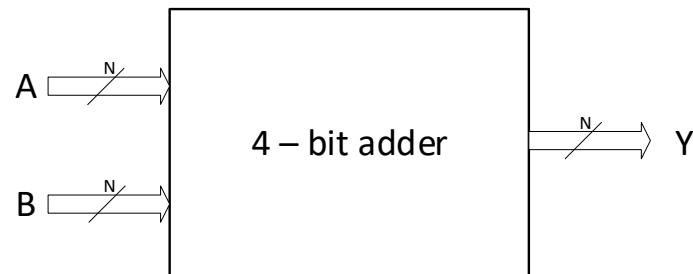


Figure 1: Block Diagram