

digital logic fundamentals pdf

In electronics, a logic gate is an idealized or physical device implementing a Boolean function; that is, it performs a logical operation on one or more binary inputs and produces a single binary output. Depending on the context, the term may refer to an ideal logic gate, one that has for instance zero rise time and unlimited fan-out, or it may refer to a non-ideal physical device (see Ideal ...

Logic gate - Wikipedia

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Digital Electronics - Microprocessor Fundamentals - IndiaBIX

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Digital electronics - Wikipedia

1. In this Chapter. We begin this chapter by studying the basic logic gates and understanding the fundamentals as well as the basic rules of Boolean algebra and expression simplification.

Digital Electronics Basics - Chapter 1: Logic Gates

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This note explains the following topics: Basic electronic parameters and components, LED (Light Emitting Diode), Analog and Digital Signals, Analog and Digital Sound Representation, Logic Gates And Functions, Sequential Logic, Binary System, Shift Register, Clocks and Counters, The 555 timer IC.

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