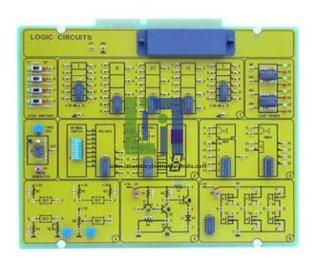


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Product Name:
Logic Circuits

Product Code: LBNY-0005-12400051



Description:

Theoretical topics of Logic Circuits

The algebraic description of the logic gates

The theorems of the Boolean Algebra

Binary system

Logic functions

The truth tables

Fundamental logic operators

NOT, AND and OR logic operators

Use of the AND and OR operators as control devices for the transfer of logic Classic form of a function

Graphic representation of the functions

AND OR NOT function

Techniques for the minimization of the logic functions through the application of the theorems signals

OR exclusive logic operator

Characteristic parameters of the logic gates

Definition and characteristics of a combinatory logic network

NAND and NOR logic operators

Use of the NAND and NOR operators as control devices for the transfer of logic signals

The TTL family

The CMOS family

The Karnaugh maps

Encoders, decoders, multiplexer and demultiplexer

Fault simulation

The BCD code.

Technical Specification : Logic Circuits



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