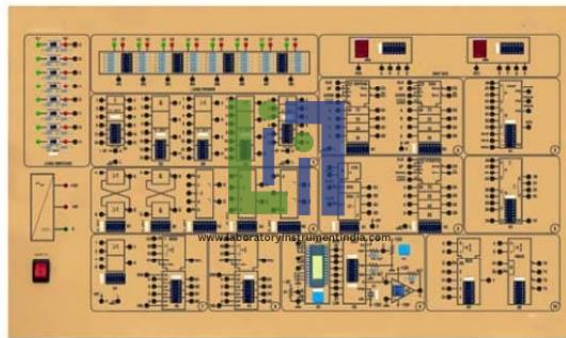




Email : sales@laboratoryinstrumentindia.com

Product Name :
Digital Board

Product Code :
LBNY-0005-12400086



Description :

This board allows the study of several digital circuits.

Technical features:

- 4 bit comparator
- 4 D flip flops
- 2 adders (4 bit), with input and output carry
- 4 JK flip flops, can also be used as RS flip flops
- ALU, for conducting 16 arithmetic and 16 logical computing operations with 4 bit dual numbers
- Shift register (4 bit), parallel and serial operation possible, bi directional
- Demultiplexer, 4 channels
- Multiplexer, 4 channels
- Units complements for negating a 4bit binary number
- Antivalence and equivalence gates
- 2 Schmitt triggers, inverting
- Binary counter (4 bit), up/down counter
- AD/DA converter 8 bit
- EEPROM
- Auxiliary section on board:
 - 8 logic probes with led for high and low level
 - 2 seven segment led displays with BCD decoder
 - 2 inverters
 - 8 switches with led to generate logic level.

Technical Specification :

Experiments:

Basic logic circuits

Monostable multi vibrators

Code converters, codersv

Schmitt triggers

Multiplex mode Arithmetic Logic Unit

Memory circuits

Register circuits

Analog Digital converters

Bistable multi vibrators

Arithmetic circuits

Counting circuits

Digital Analog converters.



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