

Product Code . JL-BE-10485



Digital Circuits Development Platform

Description

Digital Circuits Development Platform

Description:-

This makes it easy to design, experiment with, and test circuitry without soldering.

Students can explore a wide variety of electronic concepts simply by sticking components into the breadboard.

All connections and controls are clearly marked and conveniently located.

Digital Circuits Development Platform is designed to fulfill requirement of performing experiments of digital electronics in a single platform.

It is also useful to build and test circuits as well as making projects related to digital electronics or when learning the subject.

It is very useful in digital electronics laboratories for performing digital experiments.

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Features:-

On board DC Power Supplies

Pulser switches and 8 bit Data switches

Bicolor 8 bit LED display

Solderless breadboard

On board Pulse Generator with TTL/CMOS mode

BCD to Seven segment display and Logic probe

CMOS/TTL output

Free e-learning course

Self contained & easy to operate

Functional blocks indicated on board mimic

Scope of Learning:-

Crystal oscillator

Johnson Counter

Shift Register

Operation of all Logic gates

Binary addition Half adder, Full adder, 2 bit Binary parallel adder

Binary subtraction

Binary to Gray code conversion

Gray code to Binary conversion

Binary to Excess-3 code conversion

4 bit Binary up-down counter

Multiplexer and De-multiplexer Circuits

8 to 3 line Encoder

Pulse Stretcher Circuit

Binary to Excess-3 code conversion

CMOS-TTL Interfacing

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