

Product Code . JL-BE-10491



Analog Digital Circuits Development Platform

Description

Analog 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.

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

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

It is very useful in analog and digital electronics laboratories for performing experiments in colleges and universities.

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Features:-

On board 8 bit Data switches and 8 bit LED display

On board Logic Probe, Speaker, and Potentiometers

Self contained and easy to operate

Functional blocks indicated on board mimic

Solderless Breadboard

Free e-learning course

On board DC and AC Power Supplies

On board Sine/Square/TTL Generator

Scope of Learning:-

2 Bit Binary Subtractor

Binary to Gray code conversion

Gray code to Binary code conversion

Binary to Excess-3 code conversion

Active Notch filter

Zener Diode as a Voltage Regulator

Transistor series Voltage Regulator

High Pass Filter

Band Pass Filter

8 to 3 Line Encoder

CC configuration of NPN transistor

Gain Characteristics of a Noninverting Amplifier

Voltage Follower Configuration

Op Amp in Inverting Configuration

Operations of Wheatstone Bridge

CE amplifier circuit

CB configuration of NPN transistor

Logic Gate

Binary Adder

Characteristics of various types of Flip-Flops

Crystal Oscillator

4 Bit Binary Up-Down Counter

Johnson Counter

4 Bit serial in parallel out Shift Register

3 to 8 Line Decoder

Transistor shunt Voltage Regulator

Universal Gate

CE configuration of NPN transistor

Low Pass Filter

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