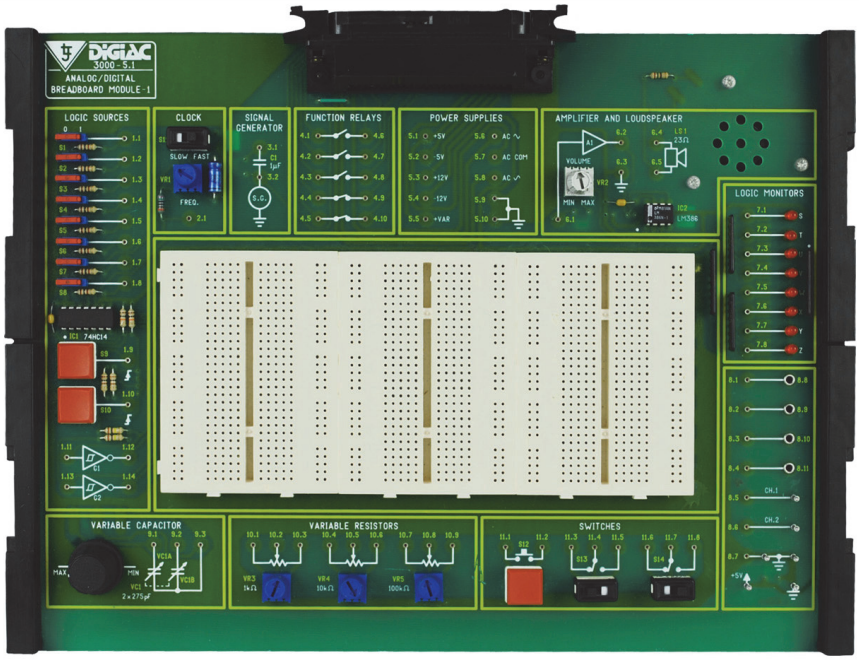
Product Information Sheet

Breadboard Module



The breadboard module allows students to build a wide variety of electronic circuits using discrete components.

In addition to a large, solderless breadboard patching area, the board provides a range of built-in support circuitry.

The board is housed in an injection moulded storage case, and is supplied with a set of wire links for circuit interconnections. These links are made from standard 0.6mm wire and are in a range of color-coded lengths to simplify circuit construction.

The module is ideal for activities requiring students to handle and interconnect real electronic components, such as practical assignments or student project work.

Using the Advanced Electronics Experiment Platform (300-01), a range of faults to be inserted into the study module circuits to develop electronic diagnostic and faultfinding techniques.

A box file case is supplied for convenient storage.

Built-in Support Circuitry Includes:

- Logic sources (eight binary switches, two buffered pushbutton switches, two inverters).
- Variable-frequency clock signal.
- Audio amplifier and loudspeaker.
- Variable capacitor.
- Uncommitted switches (one pushbutton, two changeover).
- Variable resistors.
- Eight buffered logic monitor LEDs.
- Access to base unit power supplies and function (fault) relays.
- Access to external signal generator.
- Connection panel for multimeters and oscilloscope.
- 0.6mm sockets allow direct connection of all support circuitry to circuits configured on breadboard.

Items Included:

- Circuit Card
- Storage Case
- Wire Connector Kit
- Component Datasheet

Other Items Required:

- 300-01 Advanced Electronics Experiment Platform

General Information:

Dimensions: 81 x 323 x 256 mm (W, H, D)
Shipping Volume: Approx 0.008 m^3
Shipping Weight: Approx 2 kg

Order Code: 300-04

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