



OMEGA TYPE LTB-802 Computer Logic Training Board has been designed specifically to study the Principle of AND/NAND Logic Gates and to compare the truth table with experimental results. This training board offers a new method of training students in the basic theory of digital circuits and make them familiar with basic experiments in digital circuits. The board is having integral input arrangements and make the students familiar with the AND/NAND function. The board is absolutely self contained and requires no other apparatus. Practical experience on this board carries great educative value for Science and Engineering Students.

OBJECT

01 To study the principle of 3 Input AND/NAND logic gates and to compare the truth table with experimental results.

FEATURES

The board consists of the following built-in parts :

- 01 +5V D.C. at 100mA, IC Regulated Power Supply internally connected.
- 02 3-input NAND gate followed by an inverter (NOT gate) to give 3-input AND/NAND gate.
- 03 Switches for logic selection.
- 04 LEDs for visual indication of status.
- 05 Adequate no. of other Electronic Components.
- 06 Mains ON/OFF switch, Fuse and Jewel light.
- 07 The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains.
- 08 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 09 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 10 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 11 Weight : 1 Kg. (Approx.)
- 12 Dimension : W 340 x H 125 x D 210 (mm)

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS

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