



OMEGA TYPE LTB-814 Computer Logic Training Board has been designed specifically for the study of Binary to Decimal Encoder. There are arrangements for changing the binary input with the help of a selector switch as well as to feed the unknown 4-bit binary code to read decimal value on seven segment display. 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

To study the Binary To Decimal Encoder.

FEATURES

The board consists of the following built-in parts :

- 01 + 5V D.C. at 50mA, IC Regulated Power Supply internally connected.
- 02 BCD-to-7-Segment Decoder/Driver.
- 03 A selector switch to set digits from 0 to 9 with corresponding binary code indicator.
- 04 A DPDT switch for lamp test of seven segment display.
- 05 Switch for logic selection.
- 06 LEDs for visual indication of binary code A,B,C,D.

- 07 Adequate no. of other Electronic Components.
- 08 Mains ON/OFF switch, Fuse and Jewel light.
- 09 The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains.
- 10 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 11 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
- 12 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 13 Weight : 3 Kg. (Approx.)
- 14 Dimension : W 340 x H 110 x D 210

SPECIFICATIONS

- 01 INPUT WORD LENGTH : 4- Bit
- 02 SEVEN SEGMENT DISPLAY : 0 TO 9
- 03 LED INDICATION : LED will glow for '1' state and will be OFF for '0' state.

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

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