



**OMEGA TYPE LTB-850** Computer Logic Training Board has been designed specifically for the study of 16 line to 1 line multiplexer. This Training Board gives a better understanding of phenomena of multiplexing with sixteen input signals and one output using four control signals. 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 verify the operation of 16 line to 1 line digital multiplexer.
- 02 To demonstrate how multiplexer can be used to convert a parallel data input to a serial data output device.

#### FEATURES

The board consists of the following built-in parts :

- 01 +5V DC. at 200 mA. IC regulated power supply internally connected.
- 02 16 input multiplexer IC.
- 03 Hex inverter IC.
- 04 LEDs (23 No's) for visual indication of status.
- 05 SPDT (21 No's) switches for logic selection.
- 06 Adequate no. of other Electronic Components.
- 07 Mains ON/OFF switch, Fuse and Jewel light.
- 08 The unit is operative on 230V  $\pm$ 10% at 50Hz A.C. Mains.
- 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 : 1.3 Kg. (Approx).
- 12 Dimension : W 340 x H125 x D210.

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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