



**OMEGA TYPE LTB-809** Computer Logic Training Board has been designed specifically to study different type of counters i.e. Up-Counter, Down Counter and Decimal Counter. 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 following different types of counters:

- 01 Up-Counter using J-K Flip Flop.
- 02 Down Counter using J-K Flip Flop.
- 03 Decimal Counter using J-K Flip Flop.

#### FEATURES

The board consists of the following built-in parts :

- 01 +5V D.C. at 1Amp, IC Regulated Power Supply internally connected.
- 02 Nine J-K Flip-Flops.
- 03 A clock generator with a repetition frequency of 500 Hz.
- 04 Two LED driver circuits each of which individually drives a LED and is connected to the binary output of the Flip-Flop.
- 05 Two pulsar switches.
- 06 LEDs for visual indication of status.
- 07 Adequate no. of other Electronic Components.
- 08 Mains ON/OFF switch, Fuse and Jewel light.
- 09 The unit is operative on 230VAC  $\pm 10\%$  at 50Hz.
- 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 H125 x D 210

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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