



OMEGA TYPE LTB-835 Computer Logic Training Board has been designed specifically for the study of Presettable Counter. This Training Board gives a better understanding of 5-bit counting, starting from a preset initial number and frequency division of clock input by factors of 2, 3, 4, 5, 6, 7, 8, 9 & 10.

Practical experience on this board carries great educative value for Science and Engineering Students.

OBJECT

- 01 To study beginning of counting for a Preset initial number.
- 02 To study divide by N programmable counter to give gating pulse of desired duration.

FEATURES

The board consists of the following built-in parts :

- 01 + 10V D.C. at 50mA, IC regulated power supply internally connected.
- 02 Timer 555 IC.
- 03 Presettable Counter IC 4018.
- 04 Two NAND GATE ICs 4011.
- 05 SPDT switches for logic selection.
- 06 LEDs for visual indication of status.

- 07 Adequate no. of 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 nos. of patch cords stackable from rear both ends 2mm 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 : 1.700 Kg. (Approx).
- 14 Dimension : W 340 x H 125 x D 110

OTHER APPARATUS REQUIRED :

- 01 Frequency Counter 6 digit OMEGA TYPE DFC-20M
- 02 Dual trace CRO 20MHz OMEGA TYPE CRO-20

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