OMEGA TYPE LTB-857 Computer Logic Training Board has been designed specifically for the study of 4-bit binary UP/DOWN counter. This Training Board gives a better understanding of counter using 4-bit presetable inputs, one master reset and parallel load with 4-bit BCD output.

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 using IC :

01 4 Bit Binary Decade Up Counter (0 – 9) using IC-74192 .

02 4 Bit Binary Decade Down counter (9 – 0) using IC-74192.

03 Presetting of inputs and study count sequence.

FEATURES

The board consists of the following built-in parts :

01 +5V D.C. at 200mA, IC regulated power supply internally connected.

02 4-Bit presetable BCD decade up/down counter IC.

03 Quad 2-input NAND gate IC.

04 LEDs for visual indication of status.

05 SPDT, DPDT and micro 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 230VAC ±10% at 50Hz.

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   : 3 Kg. (Approx).

12 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