



OMEGA TYPE LTB-846 Computer Logic Training Board has been designed specifically for the study of 8155-Simple Programmable Interface. This Training Board gives a better understanding of memory operations, timer operations and Interfacing between address port & data ports.

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

OBJECT

01 To Study Simple programmable interface Memory operations using IC-8155.

02 To Study Simple programmable Interface operations to configure different ports as input port or output port or in combinations of Input/Output.

03 To Study Simple programmable interface Different modes of Timer Operation using IC-8155

FEATURES

The board consists of the following built-in parts :

- 01 + 5V D.C. at 1A, IC regulated power supply internally connected.
- 02 Programmable interface IC 8155.
- 03 Eight tristate buffer ICs 74LS244.

04 EPROM IC 2716.

05 Timer IC 555.

06 OR gate IC 74LS32.

07 NAND gate IC 74LS00.

08 4-Bit D type registers (latch) IC 74LS173.

09 LEDs for visual indication of status.

10 SPDT switches for logic selection.

11 Adequate no. of Electronic Components.

12 Mains ON/OFF switch, Fuse and Jewel light.

13 The unit is operative on 230V AC $\pm 10\%$ at 50Hz.

14 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.

15 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

16 Weight : 3.900 Kg. (Approx).

17 Dimension : W 415 x H 165 x D 315.

OTHER APPARATUS REQUIRED:

- 01 Dual trace CRO 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.

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