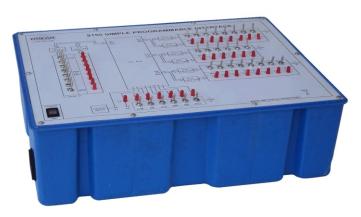


8155 SIMPLE PROGRAMMABLE INTERFACE OMEGA TYPE LTB-846



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 EPROMIC 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 ±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 OMEGATYPE CRO-20

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

OMEGA ELECTRONICS