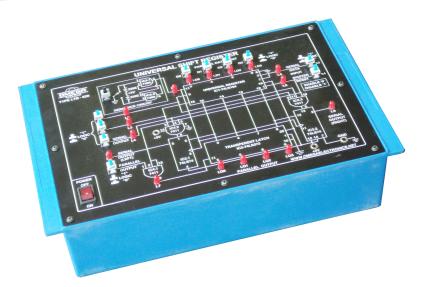


UNIVERSAL SHIFT REGISTER

OMEGATYPE LTB-839



OMEGA TYPE LTB-839 Computer Logic Training Board has been designed specifically for the study of Universal Shift Register. This Training Board gives a better understanding of the concepts of shifting data IN and OUT of a 4-bit register in different modes. 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 shifting of 4 bit data using IC 74LS194 in the following modes:

- 01 Serial Left IN Serial Left OUT.
- 02 Serial Left IN Serial Right OUT.
- 03 Serial Right IN Serial Left OUT.
- 04 Serial Right IN Serial Right OUT.
- 05 Serial Left IN Parallel OUT.
- 06 Serial Right IN Parallel OUT.
- 07 Parallel IN Serial Left OUT.
- 08 Parallel IN Serial Right OUT.
- 09 Parallel IN Serial OUT.

FEATURES

The board consists of the following built-in parts:

- 01 + 5V D.C. at 50mA, IC regulated power supply internally connected.
- 02 Universal Register IC 74LS194.
- 03 Transparent latch IC 74LS373.
- 04 JK Flip-flop IC 74LS74
- 05 AND GATE IC 7411.
- 06 NAND GATE IC 7400.
- 07 Adequate no. of Electronic Components.
- 08 Mains ON/OFF switch, Fuse and Jewel light.
- 09 The unit is operative on 230V ±10% at 50Hz A.C. Mains.
- 10 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
- 11 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

12 Weight : 1.900 Kg. (Approx). : W 340 x H125 x D 210 13 Dimension

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

OMEGA ELECTRONICS