

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.
- * The unit is operative on 230V \pm 10% at 50Hz A.C. Mains.
- * Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
- * Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

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