

Computer Logic Training Board has been designed specifically for the study of Bilateral Switch. This Training Board gives a better understanding of two way communication interface between data buses. 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 Functioning of a Bilateral Switch and to understand two way data communication between 4-bit data buses using IC 74LS243.

Features:

The board consists of the following built in parts.

01. +5V D.C. at 50mA, IC regulated power supply internally connected.
 02. Two Tristate Octal Buffers ICs 74LS244.
 03. Quad Bus Transceiver (Bilateral Switch) IC 74LS243.
 04. SPDT switches for logic selection.
 05. LEDs for visual indication of status.
 06. Adequate no. of Electronic Components.
 07. 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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