

Product Name :

1 : 8 Line Demultiplexer (Digital) for Vocational Training and Didactic Labs

Product Code :

ETKN-30



Description :

Equipment for Education, Engineering and Vocational Training - 1 : 8 Line Demultiplexer (Digital) - Computer Logic Training Board has been designed specifically for the study of 1:8 Line Demultiplexer. This Training Board gives a better understanding of the phenomena of demultiplexing with one input demultiplexed to eight outputs using three control inputs (Address). Practical experience on this board carries great educative value for Science and Engineering Students.

Object:

To Study 8-bit 1:8 Line Demultiplexer using IC 74138.

Features:

The board consists of the following built-in parts :

01. + 5V DC at 50mA, IC regulated power supply internally connected.
02. Demultiplexer IC 74138.
03. Timer IC 555.
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 wave forms.

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

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