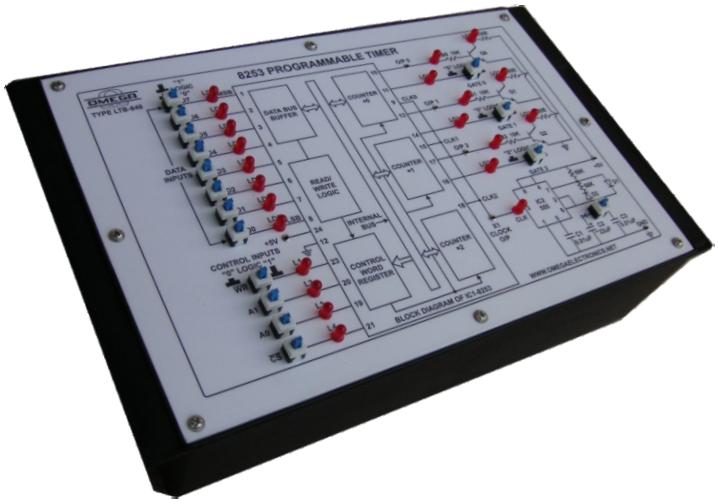
OMEGA®

A SIGN OF QUALITY PRODUCT

8253 PROGRAMMABLE TIMER
OMEGA TYPE LTB-848



OMEGA TYPE LTB-848 Computer Logic Training Board has been designed specifically for the study of 8253 Programmable Timer. This Training Board gives a better understanding of the various modes of operation of Programmable Timer IC 8253.

Practical experience on this board carries great educative value for Science and Engineering Students.

OBJECT

To Study of the following different modes of operation of 8253 Programmable Timer :

01 MODE 0 - Interrupt on Terminal Count.
02 MODE 1 - Programmable one shot.
03 MODE 2 - Rate Generator.
04 MODE 3 - Square Wave Generator.
05 MODE 4 - Software Triggered Strobe.
06 MODE 5 - Hardware Triggered Strobe.

FEATURES

The board consists of the following built-in parts :

01 + 5V D.C. at 500mA, IC regulated power supply internally connected.
02 Programmable Timer IC 8253.
03 Timer IC 555.
04 LEDs for visual indication of status.
05 SPDT switches for logic selection.
06 Adequate no. of Electronic Components.
07 Mains ON/OFF switch, Fuse and Jewel light.
08 The unit is operative on 230V ±10% at 50Hz A.C. Mains.
09 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
10 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
11 Weight : 1.700 Kg. (Approx).
12 Dimension : W 340 x H125 x D 210

OTHER APPARATUS REQUIRED :

01 Dual trace CRO 20MHz OMEGA TYPE CRO-20

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

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