OMEGA®

A SIGN OF QUALITY PRODUCT

UNDERSTANDING AND EXPERIMENTATION WITH DIGITAL ICS

OMEGA TYPE LTB-880

OMEGA TYPE LTB-880 Understanding and Experimentation with Digital ICs is a training product which provides complete flexibility for hands on learning of a wide range of experiments in digital electronics. This product provides vast learning scope for students to design their own experiments and applications. Students can use digital IC's and connect their Input & Output to design & implement in the circuit. LTB-880 can be a part of library & can be issued to students to perform the experiments.

OBJECTS:

01 Study of Basic Logic Gates
02 Study of Half & Full Adder and Subtractor.
03 Study of 4x1 Multiplexer and 1x4 De-Multiplexer.
04 Study of BCD to 7 Segment Display.
05 Study of 8x3 Line Encoder, 3x8 Line Decoder, Even and Odd Parity Generator.
06 Study of Code Converter.
07 Study of 2 Bit Magnitude Comparator.
08 Study of Flip-Flop.
09 Study of 4 Bit Shift Register.
10 Study of 4 Bit Counter.

FEATURES

01 Illustration of Combinational and Sequential circuits
02 ZIF Socket provided for easy connections
03 Compact size
04 Simultaneous use of multiple ICs

TECHNICAL SPECIFICATIONS

01 Mains Supply	: 230 V ± 10%, 50 Hz
02 Fixed DC Power Supply	: +12 V,-12V,+5 V,-5V AT 100mA
03 Clock Generator	: 1Hz, 10Hz, 100Hz, 1KHz,10KHz & 100KHz
04 Pulse Generator	: 5 V
05 ZIF Socket	: 20 Pins (6 Nos.) 40 Pins (1 No.)
06 8 Bit Digital Input	: 08 toggle switches
07 12 Bit Digital Output	: 12 LED indicator
08 BCD to seven segment display	2 Nos.
09 Weight	: 5.00 Kg. (Approx.)
10 Dimension (mm)	: W 415 x H 165 x D 315

LIST OF ACCESSORIES:

01 Patch cord 2mm length 50 Cm Red.....20Nos.
02 Patch cord 2mm length 50 Cm Black.....20Nos.

OMEGA ELECTRONICS

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