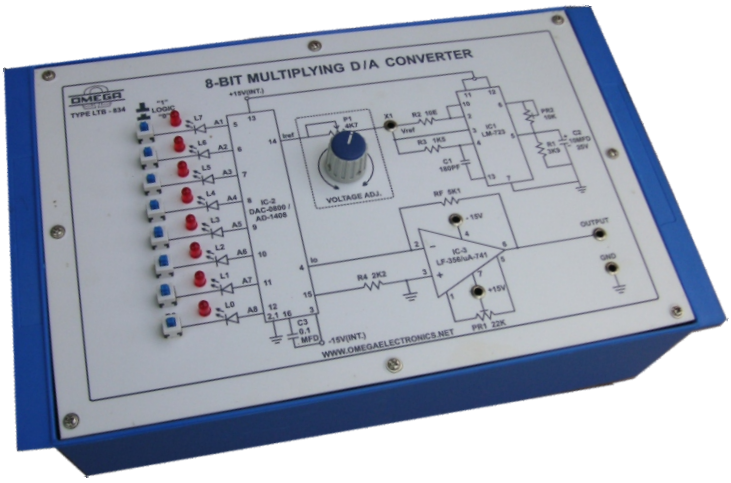
OMEGA®

A SIGN OF QUALITY PRODUCT

8-BIT MULTIPLYING DIGITAL TO ANALOG (D/A) CONVERTER (BASED ON AD1408)

OMEGA TYPE LTB-834



OMEGA TYPE LTB-834 Computer Logic Training Board has been designed specifically for the study of 8-Bit Multiplying D/A Converter. This Training Board gives a better understanding of the conversion of digital signal in to an equivalent analog signal using IC AD1408.

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

OBJECT

To Study 8-Bit Multiplying Digital to Analog Converter with 8-Bit Input Digital Signals and Analog output signal representing the product of Inputs and Reference source.

FEATURES

The board consists of the following built-in parts :

01 ±15V D.C. at 50mA, IC regulated power supply internally connected.

02 +5V D.C. at 50mA, IC regulated power supply internally connected.

03 OP-Amp IC 741.

04 8-Bit D to A converter IC AD1408.

05 Voltage Regulator IC 723.

06 SPDT switches for logic selection/Input Data.

07 LEDs for visual indication of status/Binary Data Input.

08 Adequate no. of Electronic Components.

09 Mains ON/OFF switch, Fuse and Jewel light.

10 The unit is operative on 230V ±10% at 50Hz A.C. Mains.

11 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms voltages.

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

13 Weight : 2.300 Kg. (Approx.).

14 Dimension : W 340 x H125 x D 210

OTHER APPARATUS REQUIRED:

01 Digital multimeter 3¾ digit OMEGA TYPE DMM-201

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