

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 ICAD1408.

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.  $\pm 15V$  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 ICAD1408.
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.
  - 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/ voltages.
  - Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

**Other Apparatus Required:**

- Digital multimeter 3 $\frac{3}{4}$  digit Order Code - 16901

Note: Specifications are subject to change.

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