



**OMEGA TYPE IF-3** Dual Digital to Analog Converter Interface Module which can be easily Interfaced with 8085/8086 Microprocessor Trainer with the help of a flat cable connected 50pin FRC connectors both sides. This can be also interfaced with IBM PC, XT, AT with the help of a 96 BIT TTL I/O Experimental Interface Omega Type IFB-1.

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

**OBJECT:**

01 To study of Dual Digital to Analog Converter

**FEATURES:**

The board consists of the following built in parts:

- 01  $\pm 12V$  at 100mA IC Regulated Power Supply.
- 02  $+5V$  at 100mA IC Regulated Power Supply.
- 03 One No. DAC IC - 0800.
- 04 Two Nos. OP-AMP IC-741.
- 05 Four Nos. Hex Inverter IC-7406.
- 06 8 Red LEDs to indicate input status of DAC 1 or Port A.
- 07 8 Green LEDs to Indicate input status of DAC2 or port C.
- 08 Unipolar or bipolar output can be selected by switch.
- 09 In unipolar mode the output is 0-5V D.C. and in bipolar mode the output is  $\pm 2.5V$  D.C.
- 10 One No. 50 Pins FRC Connector.
- 11 Easy to interface with OMEGA TYPE OEJ-85A/ OEJ-86/IBM PC.
- 12 Adequate No. of other electronic components.
- 13 Mains ON/OFF switch and LED for indication.
- 14 The unit is operative on  $230V \pm 10\%$  at 50Hz. A.C. Mains.

**OTHER APPARATUS REQUIRED:**

01 Dual trace CRO OMEGATYPE CRO-20

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

**OMEGA ELECTRONICS**