



OMEGA TYPE IF- 1 Analog to Digital Converter (16 Channels) Interface Module which can be easily Interfaced with 8085/8086 Microprocessor Trainer with the help of a flat cable connected 50 pin 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 analog to Digital Converter (16 Channels)

FEATURES

The board consists of the following built in parts :

- 01 $\pm 5V$ D.C. at 100mA IC Regulated Power Supply
- 02 One no. ADC IC-0816.
- 03 Two nos. HEX inverter ICs-7406
- 04 One no. JK FLIP-FLOP IC-7473
- 05 One no. Timer IC-555.
- 06 One no. 50 pins FRC connector.
- 07 Analog input in the range of 20mV to 5V DC.
- 08 16 Independent analog input channels.
- 09 7 LEDs indicate status of channel selected & control signals.
- 10 Easy to interface with OMEGA TYPE OEJ-85A/OEJ-86/PC.
- 11 No zero adjust is required.
- 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.
- 15 Good quality, reliable terminals/Sockets are provided at appropriate places on panel for connections/observations.

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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