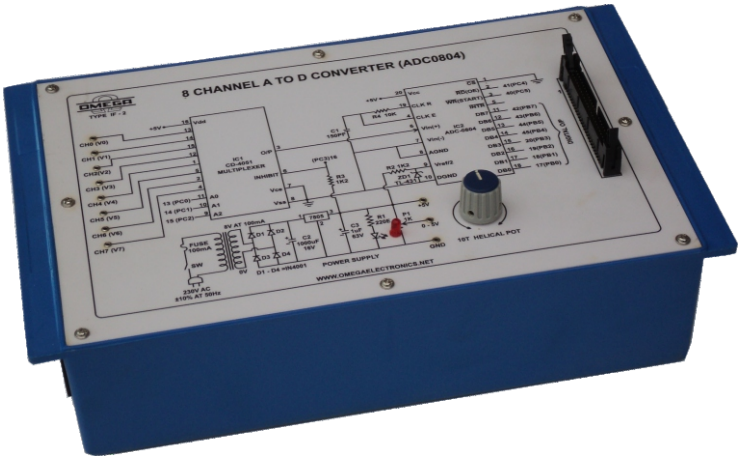
OMEGA®

A SIGN OF QUALITY PRODUCT

MICROPROCESSOR AND PC LAB EXPERIMENTAL INTERFACE MODULE 8 CHANNEL A TO D CONVERTER (ADC–0804)

OMEGA TYPE IF-2



OMEGA TYPE IF-2 8 Channel analog to Digital Converter 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 8 channel analog to Digital Converter.

FEATURES

The board consists of the following built in parts :

01 + 5V D.C. at 100mA IC regulated Power Supply
02 One no. ADC IC-0804.
03 One no. Multiplexer IC,CD-4051.
04 One no. Zener Diode TL-431.
05 One Helical Pot. for varying the voltage 20mv to 5V DC.
06 One no. 50 pins FRC connector.
07 Analog input in the range of 20mV to 5V DC.
08 8 Independent analog input channels.
09 Easy to interface with OMEGA TYPE OEJ-85A/OEJ-86/PC.
10 No zero adjust is required.
11 Adequate no. of other electronic components.
12 Mains ON/OFF switch and LED for indication.
13 The unit is operative on 230V ±10% at 50Hz A.C. Mains.
14 Good quality, reliable terminals/Sockets are provided at appropriate places on panel for connections/observations.

OMEGA ELECTRONICS

Works:
28E & F, Malviya Industrial Area,
Jaipur-302 017 (INDIA)
Phone: 0141-2751559

E-mail : info@omegaelectronics.net
: omegajaipur62@gmail.com

www.omegaelectronics.net

Marketing Division:
B-28, Fateh Singh Scheme, Opp. Rajputana
Palace Sheraton, Jaipur-302006 (INDIA)
Phone : 091-141-2375647, 2379223

14-07-2022