OMEGA TYPE IF-6, 8253 programmable interval timer module which can be easily Interfaced with 8085 Microprocessor Trainer with the help of a flat cable connected 50 pin FRC connectors both sides. These 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.

OBJECTS

01   To program counter.

02   Count binary or BCD.

FEATURES

The board consists of the following built in parts :

01   5V at 100mA IC Regulated Power Supply.

02   One no. Programmable Interval Timer IC-8253.

03   One no. 1 of 8 Decoder IC-74138.

04   One no. 2-input NAND GATE IC-7400.

05   One no. Hax Inverter IC-7406.

06   One Pulser switch to give GATE pulse.

07   One Pulser switch to give CLOCK pulse.

08   Three Timers each having OUTPUT, GATE and CLOCK.

09   One no. 50 pins FRC connector.

10   Easy to interface with OMEGA TYPE OEJ-85A / OEJ-86 / IBM PC.

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.