

OMEGA TYPE IFB-1 is IBM PC/XT/AT compatible digital input output / card is an ADD-ON card. This card has 4 numbers of intel 8255 programmable peripheral interfaces. Using this card all the features of 8255 programmable peripheral interface IC can be programmed in various modes. This card should reside in one of the vacant slots on the motherboard of the computer. This interface card must be inserted in one slot of the motherboard of the computer. While inserting this card, make sure that all the pins make intimate contact with the female connector soldered to the motherboard.

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

OBJECT

01 To study the features of 8255 programmable peripheral interface IC in various modes.

FEATURES

The card consists of the following built in parts :

- 01 Four Nos. input output programmable peripheral interface ICs.
- 02 One No. octal bus transceiver, three state output IC.
- 03 Two Nos. Octal buffer/line driver, three state output ICs.
- 04 Two Nos. 1 of 8 Decoder multiplexer ICs.
- 05 One No. Quad 2-Input NAND gate IC.
- 06 One No. Quad 2-Input NOR gate IC.
- 07 One No. Hex Inverter IC.
- 08 One No. Quad 2- Input AND gate IC.
- 09 One No. dual 4-Input AND gate IC.
- 10 50 pin FRC right angle male connector.
- 11 50 pin straight connector.
- 12 50 pin flat cable 50cm. with female connector both side.
- 13 Adequate no. of other electronic components.
- 14 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

OTHER APPARATUS REQUIRED:

- 01 IBM PC/XT/AT Computer (With Basic Language Software).
- 02 Switches and LED Module OMEGA TYPE IF-5.

FLAT CABLE WITH CONNECTOR. OMEGA TYPE FC-1

50 pin FRC connector both sides.



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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