OMEGA®

A SIGN OF QUALITY PRODUCT

KARNAUGH MAPPING APPLICATIONS

OMEGA TYPE LTB-879

OMEGA TYPE LTB-879 is a Training Board Of Karnaugh Mapping Applications. The karnaugh map is the simplest and commonly used method to simplify the boolean expressions. It can be used up to six variables.

OBJECT

01 To simplify any given boolean function of four variables using karnaugh mapping.

02 Designing & Implementation of two level circuits.

FEATURES

The board consists of the following built-in parts :

01 D.C. supply : +5v at 200mA Ic Regulated power supply.

02 Logic Inputs : Eight independent logic level inputs to select High / Low TTL levels, each with a LED to indicate high / low status and termination.

03 Logic Indicator : Two independent logic level indicators for High / Low status indication of digital outputs.

04 IC's on Panel : 2 Input AND Gate IC-7408
: 3 Input AND Gate IC-7411
: 2 Input NAND Gate IC-7400
: 3 Input NAND Gate IC-7410
: 2 Input OR Gate IC-7432
: 3 Input OR Gate IC-4075
: 2 Input NOR Gate IC-7402
: 3 Input NOR Gate IC-7427

05 Seven segment decoder : One BCD to Seven Segment Decoder/ Driver IC with termination.

06 Adequate no. of other electronic Components.

07 The unit is operative on 230v ± 10% at 50 Hz A.C. mains.

08 Mains ON / OFF Switch and LED indicator are provided.

09 Adequate nos. of patch cords stackable 2mm spring loaded plug, length 50cm.

10 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.

11 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

12 Weight : 3600 Kg. (Approx).

13 Dimension : W 340 x H 125 x D 210

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