



Specification

38704 Encoder and Decoder Trainer has been designed specifically for the study of 8-to-3 Line Encoder and 3-to-8 Line Decoder. This Training Board familiarizes the students with the operation of both encoder and decoder circuit. It explains the phenomena of Encoder of eight input signals. It explains Decoder of three input signals and eight outputs.

Object:

01. Study and verification of the Truth Table of 8-to-3 Line Encoder.
02. Study and verification of the Truth Table of 3-to-8 Line Decoder.

Technical Specifications:

The board consists of following built in parts.

01. + 5V D.C. at 100mA, IC regulated power supply internally connected.
02. AND gate IC 7411.
03. NOT gate IC 7404.
04. OR gate IC 7432.
05. Eight LEDs for visual indication of status.
06. Eight SPDT switches for logic selection low and High.
07. Adequate no. of Electronic Components.
08. Mains ON/OFF switch, Fuse and Jewel light.
09. The unit is operative on 230V \pm 10% at 50Hz A.C. Mains.
10. Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of outputs.
11. Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
12. Weight : 1 Kg. (Approx).
13. Dimension : W 300 x H200 x D73

Note: Specifications are subject to change.

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