OMEGA®

A SIGN OF QUALITY PRODUCT

STUDY OF OP-AMP COMPARATOR
OMEGA TYPE ETB-150

OMEGA TYPE ETB-150 Experimental Training Board has been designed specifically for the study of OP-AMP Cooperator.

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

OBJECT

01 Study of OP-AMP Cooperator and its Characteristics:
- (a) Non-Inverting Cooperator.
- (b) Inverting Cooperator.
- (c) Fast Precision Voltage Comparator.
- (d) Comparator for signals of opposite polarity.
- (e) Single ended comparator with Hysteresis and clamped feedback.
- (f) Comparator for A.C. Coupled signals.

02 Applications of Comparator :
- (a) Zero Crossing Detector.
- (b) Schmit Trigger.
- (C) Voltage Limiter.

FEATURES

The board consists of the following built-in parts :

01 ±15V D.C. at 50mA, IC Regulated Power Supply.

02 +5V DC at 50mA, IC Regulated Power Supply.

03 0-5V D.C. at 100mA, continuously variable Power Supply.

04 Two OP-AMP ICs 741.

05 Linear Potentiometer and adequate no. of other electronic components.

06 Mains ON/OFF switch, Fuse and Jewel light.

07 The unit is operative on 230VAC ±10% at 50Hz.

08 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.

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

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

11 Weight : 2.600 Kg. (Approx.)

12 Dimension : W 340 x H125 x D210

OTHER APPARATUS REQUIRED:

01 Sine-Square Wave Generator
OMEGA TYPE SS-305

02 Digital Multimeter 3¾ Digit
OMEGA TYPE DMM-201

03 Dual trace CRO 20MHz OMEGA TYPE CRO-20

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS

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