OMEGA®

A SIGN OF QUALITY PRODUCT

STUDY OF INVERTING & NON-INVERTING OPERATIONAL AMPLIFIER

OMEGA TYPE ETB-155

OMEGA TYPE ETB-155 Experimental Training Board has been designed specifically for the study of an Inverting and Non-Inverting Amplifier. This Training Board helps to know about the different aspects and need for such an Inverting and Non-Inverting amplifier.

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

OBJECT

01 To study Inverting Operational Amplifier.
02 To study Non-Inverting Operational Amplifier.
03 To study frequency response of Inverting A.C. Operational Amplifier.
04 To study frequency response of Non-Inverting A.C. Operational Amplifier.
05 To study High Input Impedance of Inverting Amplifier.
06 To study High Input Impedance of Non-Inverting Amplifier.

FEATURES

The board consists of the following built-in parts:

01 ±15V D.C. at 25mA, IC Regulated Power Supply
02 0 - 2V D.C. at 50mA, continuously variable regulated Power Supply.
03 OP-AMP IC 741.
04 Adequate no. of other electronic components
05 Mains ON/OFF switch, Fuse and Jewel light.
06 The unit is operative on 230VAC ±10% at 50Hz
07 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
08 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
09 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
10 Weight : 2.400 Kg. (Approx.)
11 Dimension : W 340 x H 125 x D 210

OTHER APPARATUS REQUIRED:

01 AF Generator OMEGA TYPE AO-300
02 Digital Multimeter 3¾ digit OMEGA TYPE DMM-201
03 A.C. Millivoltmeter OMEGA TYPE ACV-25
04 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

Works:
28E & F, Malviya Industrial Area,
Jaipur-302 017 (INDIA)
Phone: 0141-2751559

E-mail : info@omegaelectronics.net
: omegajaipur62@gmail.com

www.omegaelectronics.net

Marketing Division:
B-28, Fateh Singh Scheme, Opp. Rajputana Palace Sheraton, Jaipur-302006 (INDIA)
Phone : 091-141-2375647, 2379223

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