OMEGA®

A SIGN OF QUALITY PRODUCT

COMPARATIVE STUDY OF BRIDGE RECTIFIER AND PRECISION RECTIFIER

OMEGA TYPE ETB-164

OMEGA TYPE ETB-164 Experimental Training Board has been designed specifically for the Comparative study of Bridge Rectifier and Precision Rectifier using OP-AMP ICs 741. This Training Board shows the effect of cut-in voltage of diode on full wave rectification using Bridge Rectifier, Precision Rectifier and their comparison for low voltage signals.

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

OBJECT

01 Comparative Study of Bridge Rectifier & Precision Rectifier.

FEATURES

The board consists of the following built-in parts:

01 5V p-p and 10V p-p fixed A.C. at 50 Hz.
02 ± 15V D.C. at 50mA, IC regulated power supply internally connected.
03 0-10V D.C. at 50mA continuously variable power supply.
04 Digital Voltmeter DC 3½ Digit range of 0-20V.
05 Three OP-AMP ICs 741.
06 Adequate no. of Electronic Components.
07 Mains ON/OFF switch, Fuse and Jewel light.
08 The unit is operative on 230V ±10% at 50Hz A.C. Mains.
09 Adequate no. of patch cords stackable from rear both ends 4 mm 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 : 2 Kg. (Approx.)
13 Dimension : W 340 x H125 x D210

ACCESSORIES:

01 Patch cords 4 mm Length 50cm RED QTY.....04
02 Patch cords 4 mm Length 50cm BLACK QTY.04

OTHER APPARATUS REQUIRED :

01 Dual trace CRO 20MHz OMEGA TYPE CRO-20

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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