



OMEGA TYPE PET-448 has been designed specifically to study Step Up & Step Down Chopper. Practical experience on the board carries great educative value for Science and Engineering Students.

OBJECT

To study Step Up & Step Down Transistor Chopper..

01 To Study Step Down Transistorizes Dc Chopper

02 To Study Step-up (Boost) Transistorizes Dc Chopper.

FEATURE

The board consists of the following built in parts :

01 +12V DC at 1.5 Amp, IC Regulated Power Supply internally connected.

02 -12V DC at 200 mA, IC Regulated Power Supply internally connected.

03 IC for Triangular wave pulse generation.

04 OP amplifier.

05 Choke 40mH.

06 Lamp 230V 15watt.

07 DC Motor 12 V.

08 Adequate no. of other Electronic Components.

09 Mains ON/OFF switch, Fuse & Jewel light.

10 The unit is operative on 230VAC $\pm 10\%$ at 50Hz.

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

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

13 Weight : 5 Kg. (Approx.)

14 Dimension : W 415 x H 165 x D 315

OTHER APPARATUS REQUIRED

01 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