



Product Code . JL-PET-1445

DC Step Down Mosfet Chopper

Description

DC Step Down Mosfet Chopper

- Looking to the recent requirement of educational institutions, we have developed Omega Type.
- D.C. Step down mosfet chopper.
- Practical experience on this board carries great educative value for Science and Engineering Students.

Object:

- To study D.C. Step down Mosfet Chopper

Features :

The board consists of the following built-in parts:

- ± 12 Volt D.C. at 100mA, regulated Power Supply
- 20 Volt DC at 1A, regulated Power Supply
- IC for triangular pulse generation
- IC to drive MOSFET
- MOSFET
- Two potentiometer for varying frequency and duty cycle
- Adequate no. of other Electronic Components
- Mains ON/OFF switch and Neon Jewel light for indication
- The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains
- Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 1/2 metre

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- Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms
 - Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References

Other Apparatus Required:

- Dual Trace Cathode Ray Oscilloscope 20MHz (Unearthed)

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