



### Specification

Looking to the recent requirement of educational institutions, we have developed 46562. 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:

01.  $\pm 12$  Volt D.C. at 100mA, regulated Power Supply.
  02. 20 Volt DC at 1A, regulated Power Supply.
  03. IC for triangular pulse generation.
  04. IC to drive MOSFET.
  05. MOSFET.
  06. Two potentiometer for varying frequency and duty cycle.
  07. Adequate no. of other Electronic Components.
  08. 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.
  - \* 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).

Note: Specifications are subject to change.

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