



Power Electronic Training Board has been designed specifically for study of single phase PWM converter.

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

Object:

To Study Single Phase PWM Converter.

Features:

The board consists of the following built-in parts :

01. 6V A.C. at 100mAAC Power Supply.
 02. 30V A.C. at 100mAAC Power Supply.
 03. ± 12 V D.C. at 100mA fixed regulated Power Supply.
 04. Timer.
 05. Op-Amp.
 06. Hex inverter gate.
 07. Quad Ex-OR gate.
 08. Two NPN Transistor.
 09. One NPN Power Transistor.
 10. Uni junction transistor (UJT).
 11. Three Potentiometers.
 12. Load.
 13. Adequate no. of other Electronic Components.
 14. Mains ON/OFF switch, Fuse and Jewel light.
- * The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains.
 - * Adequate no. of patch cords stackable 4 mm spring loaded plug length $\frac{1}{2}$ meter.
 - * 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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