



To study & Plot V/I Characteristic of Power IGBT. The board is absolutely self contained.

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

Object:

01. To study and Plot V/I Characteristic of a Power IGBT.
02. Switching characteristic of a power IGBT

Features:

The board consists of the following built-in parts:

01. IC regulated power supply 0-10V DC at 30mA.
02. IC regulated power supply 0-60V at 200mA.
03. Digital DC voltmeter range 0-20V
04. Digital DC voltmeter range 0-200V.
05. Digital DC Ammeter with selectable switch range 0-20/200mA.
06. One IGBT.
07. Adequate nos. of other electronic components.
08. Mains ON/OFF switch & Fuse.
09. The unit is operative on 230V \pm 10% at 50Hz AC
- * 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.
- * Function generator

Note: Specifications are subject to change.

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