



Has been designed specifically to study switching characteristics of a transistor and its application.

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

Object:

To study transfer characteristics of a transistor :

01. Delay time
02. Rise time
03. On time
04. Storage time
05. Fall time
06. Off time

Transistor as a switch application.

Feature:

The board consists of the following built-in parts :

01. 12 VDC at 100 mA, IC Regulated Power Supply.
 02. 0-5 VDC at 100 mA, Variable Regulated Power Supply.
 03. LED to give indication whether relay is energised or not.
 04. Two NPN Transistors.
 05. Adequate no. of other Electronic Components.
 06. Mains ON/OFF switch, Fuse & Jewel light.
- * The unit is operative on 230V \pm 10% at 50Hz AC Mains.
 - * Adequate no. of patch cords stackable 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:

- * Sine Square Wave Oscillator
- * Dual Trace CRO 20MHz.

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

305, Taru Chhaya Nagar, Tonk Road, Jaipur-302029, India
 Tel: +91-141-2724326, Mob: +91-9413330765
 Email: info@tesca.in, tesca.technologies@gmail.com
 Website: www.tesca.in

