Order Code - 36270
Crystal Oscillator (Using Cmos ICs)

Experimental Training Board has been designed specifically for the study of Crystal Oscillator using CMOS Ics. This Training Board gives a better Understanding of the Generation of stable and accurate frequency.

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

Object:
To Study Crystal Oscillator using CMOS ICs with crystal of frequency 32.768 Khz.

Features:
The board consists of the following built-in parts :

01. + 10V D.C. at 50mA, IC regulated power supply internally connected.
02. Hex Inverter CMOS IC CD-4069.
03. Hex Schmitt Trigger Inverter CMOS IC CD-4584.
04. Crystal of frequency 32.768 KHz.
05. Adequate no. of Electronic Components.
06. Mains ON/OFF switch, Fuse and Jewel light.

* The unit is operative on 230V ±10% at 50Hz A.C. Mains.
* Adequate no. of patch cords stackable from rear both ends 4 mm spring loaded plug length ½ 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

Note: Specifications are subject to change.

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