

Product Name : Multivibrators (Solid State)	Product Code : NLAB-ELECTRONICSAB420025
Description :	
Multivibrators (Solid State)	
Technical Specification :	
<p>Experimental Training Board has been designed specifically for the study of Multivibrator circuits. Apart from basic circuits some special techniques have also been included.</p> <p>Practical experience on this board carries great educative value for Science and Engineering Students.</p> <p>Object:</p> <p>To study multivibrator circuits.</p> <p>Experiments:</p> <ol style="list-style-type: none">01. Design of multivibrators.02. To study the waveforms of a free running multivibrator.03. To design and make a bistable multivibrator and to study its D.C. conditions.04. To design and make a monostable multivibrator and to adjust its delay time.05. To design and make schmitt-trigger and study its hysteresis.06. To control the frequency of a free running multivibrator with applied voltage.07. To design and make a gated free running multivibrator.	

08. To design and make an improved free running multivibrator.

Features:

The board consists of the following built-in parts :

1. $\pm 9V$ D.C. at 100mA, IC regulated Power Supply.
2. 0-9V D.C. at 5mA, IC regulated Power Supply.
3. Digital Voltmeter DC $3\frac{1}{2}$ Digit range of 0-20V.
4. Pulser for triggering the circuit.
5. Three NPN transistors.
6. Adequate no. of other Electronic Components.
7. 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 from rear both ends 4mm spring loaded plug length $\frac{1}{2}$ metre.

Other Apparatus Required:

Cathode Ray Oscilloscope 20MHz

Naugralabequipments

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