



PLL AS VOLTAGE CONTROLLED OSCILLATOR TRAINER

MODEL-PLLO3

This board has been designed with a view to provide practical & experimental knowledge of .PLL as Voltage Controlled Oscillator.



SPECIFICATIONS

1. The complete circuit is printed on a single P.C.B.
2. All parts are soldered on single pin tag for easy replacement.
3. Explanation, Observation, Alignment and adjustment of Internal and external controls is possible due to Single P.C.B.
4. Easy identification of different parts is possible at a glance.
5. Easy measurement of voltages and observation of waveforms at any point. Test Points are provided on P.C.B.
6. A manual having practical detail is provided with the board.
7. Built-in Power supply: + 9VDC at 200mA IC Regulated & short circuit protected
8. Power requirement : 230V, 50Hz AC.
9. Standard Accessories :
 1. A manual having practical details.
 2. Patch Cords.

EXPERIMENTS

1. To generate oscillation signal using VCO.
2. To calibrate amplitude and frequency ranges.
3. To adjust waveform peaks and duty cycle.
4. To change frequency-determining components and observe variations in frequency.
5. Test Point waveforms.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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Dealer:-