



Experimental Training Board has been designed specifically for the study of Switching Mode Power Supply (SMPS) for computer. Now a days Switching Mode Power Supplies are extensively used in various electronic instruments and computers.

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

Object:

01. To study the different sections of SMPS.
02. To locate typical components and Input/Output signals.
03. To measure the voltages at test points and Input/Output signals.
04. To study the circuit in detail.
05. To create faults by removing components and observe their effect.

Specifications:

01. Based on IC 494 as PWM.
02. Input Voltage : 170V to 260V AC. 50Hz.
03. Output Voltage : +5V, -5V, +12V, -12V, Power good signal voltage/as required in computers.
04. Wattage (I/P) : 150 Watt (approx.)

Features:

01. IC 494 used as PWM on socket.
 02. Six pairs of Output Lead are provided.
 03. Trainer assembled on enlarged PCB.
 04. Fan cooling facility provided.
- * Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.

Other Apparatus Required:

- * Digital Multimeter 3½ digits
- * Cathode Ray Oscilloscope, 15MHz
- * Varic 8Amp

Accessories:

- * FAN 12V, 0.14A, brushless.

Note: Specifications are subject to change. Order Code can be different from Manufacturer's Model No.

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