

Product Overview

Laptop Troubleshooting Trainer (Model: BT-02LTT) is a versatile SMPS based training system. It is designed to clearly explain switching based Switch Mode Power Supply blocks. Test points are provided to analyze and monitor inputs and outputs of each block. Switching transformer structure and pin configuration are clearly displayed.



Key Features

- Load provided for DC output testing
- Multiple test points for signal analysis
- Circuit diagram printed on front panel
- Glass Epoxy SMOBC PCB
- ABS plastic enclosure
- User manual with experiment guide

Technical Specification

Load provided for testing the DC outputs,
All interconnections are made using 2mm socket,
Test points are provided to analyze signals at various points,
Circuit Diagram provided on the front panel,
Bare board Tested Glass Epoxy SMOBC PCB with Block Diagram, Attractive
ABS Plastic Enclosure, User Manual for Experiments.
Experiments: Study of PWM switching device, Study of Opt coupler, Study of Regulation
Input: 80 to 230 V AC $\pm 10\%$, 50 Hz
Outputs: +12 V DC regulated, -12 V DC regulated, +5 V DC regulated
Switching Transformer Input: 320 V DC switching at 132 KHz
Fuse: 2A
Laptop Specifications:
Processor Intel Core Dual Core or higher, Ram 4 GB or higher,
HHD/SSD 256GB, Display 14"
Warranty: 1 (One) Year (Without Adapter)