



38665B Digital Logic Training Board has been designed specifically to study the Half Adder & Subtractor and Adder & Subtractor. These all can be synthesized from the most fundamental logic Gates. The board is absolutely self contained and requires no other apparatus. Practical experience on this board carries great educative value for Science and Engineering Students.

Object

1. To study the Half Adder and Verify the Truth Table
2. To study the Full Adder and Verify the Truth Table
3. To study the Half Subtractor and Verify the Truth Table
4. To study the Full Subtractor and Verify the Truth Table

Features

The Training Board consists of the following in parts:

1. +5V DC at 100mA IC Regulated power supply internally connected.
2. IC for adder and subtractor internally connected (OR, AND, EX-OR, NOT)
3. Three Data Switch for logic input.
4. Two LED for output indication.
5. Adequate no. of other Electronic Components.
6. Mains ON/OFF switch and Jewel light.
7. The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains.
8. Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
9. Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections /observation of waveforms.
10. Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
11. Weight : 2.00 Kg. (Approx.)
12. Dimension : W 300 x H 113 x D 200

Note: Specifications are subject to change.