

Experiment Name : Verify The Operation of Half Adder Circuit using Specific IC

Operation of Half Adder Circuit

Definition of Half Adder circuit

Logic diagram of Half Adder Circuit

Truth Table of Half Adder Circuit

Boolean Expression of Half Adder Circuit

Apparatus/ Instruments

- a) Trainer Board
- b) Power Supply (+5V to +12 V)
- c) IC (X-OR 74LS86; AND 74LS08)
- d) Connecting Wire
- e) Cables
- f) Bread Board
- g) LED

