



An ISO 9001:2015 Co.

Shift Register Trainer

Model : SC-909

SINCOM SC-909 Shift Register Trainer is a self contained trainer to verify the operation & truth table of SISO, SIPO, PISO, PIPO, Left Right Shift Register and Universal shift register using Flip-Flops, logic gates & ICs, with the facility to apply logic Inputs, logic output Indicator, Mono clock Pulse generator, Set & Reset control and DC Power Supply.

Features

- ❖ All Shift Register circuits on a single trainer
- ❖ Separate modules for all Shift Register
- ❖ 06 TTL Logic Inputs generator
- ❖ 04 LEDs for TTL logic Output Indicator
- ❖ Incorporate DC Power supply
- ❖ Mono Clock Pulse generator
- ❖ Set and Reset Switch
- ❖ Presents a multi-color Circuit Diagram printed on the front panel of the white board
- ❖ Enclosed in an attractive, light weight, High Quality, Poly Coated Imported Pine Wooden cabinet
- ❖ Interconnections by 2mm high quality banana sockets and pins.
- ❖ User friendly Designed

Technical Specifications

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| ▪ AC Mains Power Supply | : 230V \pm 10%, 50Hz |
| ▪ Regulated Fixed DC Power Supply | : +5V /500mA |
| ▪ Digital TTL Logic Input Generator | : 06 by Switches |
| ▪ Digital TTL Logic Output Indicator | : 04 LEDs |
| ▪ Mono Pulse Generator | : 01 |
| ▪ Set and Reset By | : Push-To-On switch |
| ▪ Shift Registers Based on | : JK Flip-Flops, Logic Gates and ICs |
| ▪ Weight | : 3.0 kg (approx) |
| ▪ Dimensions (mm) | : L 270 x W 390 x H 130 |
| ▪ Interconnections | : 2mm Banana sockets |
| ▪ Operating Temperature | : 0-55°C, 85% RH |

Learning Scope

- To Study Shift Register trainer.
- To Study and verify SISO and SIPO Shift Register.
- To Study and verify PISO and PIPO Shift Register.
- To Study and verify the operation of Left/ Right Shift Register.
- To Study and verify the operation of Universal Shift Register.

Other Instruments Required : Nil

Accessories Included : Set of Patch Cord and Details Instruction Manual.