

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

▪ 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.