



38717 Counters Trainer is a compact, ready to use digital electronics experiment board. It helps students to get a practical insight into the working of the counters. Counters are undoubtedly the most important part of any digital circuit. Various applications of a Counters include counting events or time periods, dividing frequency, addressing and serving as memory units.

38717 has a built in clock source, logic high-low input facility, LEDs for visual indication of input-output states. Besides this, a +5V DC adaptor is also provided for power supply.

Features

1. Stand Alone system
2. Easy illustration of different types of counters
3. LEDs for visual indication of input and output logic states
4. SPDT switches for input logic selection

Object

1. Study of 4 bit synchronous binary up Counter
2. Study of 4 bit asynchronous binary up/down Counter
3. Verification of operation of IC 74LS190 as a modulo-N programmable Counter

Technical Specifications

DC Power Supply : +5V DC

Logic levels

+5V : High (Logic 1)

0V : Low (Logic 0)

LED Indication : LED will be ON for logic high or '1' state and will be OFF for logic low or '0' state

Dimensions (mm) : W 260 x D 355 x H125

Note: Specifications are subject to change.