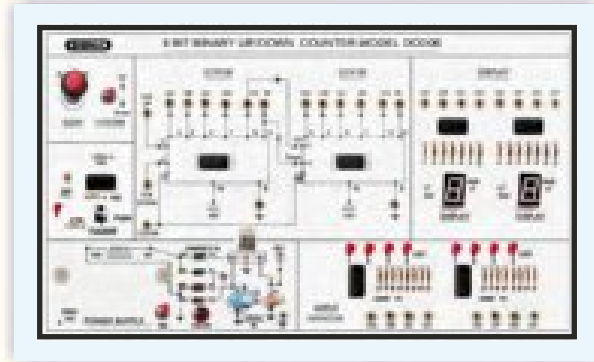




# 8-BIT BINARY UP/DOWN COUNTER TRAINER

MODEL DC006

This trainer has been designed with a view to provide practical and experimental knowledge of 8-Bit up/down counters.



## FEATURES

1. All components are soldered on hollow tags of 0.25" diameter height of 0.4" on the front side of PCB
2. The complete circuit diagram is screen printed on component side of the PCB with circuit and parts at the same place.
3. The true value of component is printed on component side.
4. The PCB with components on front side is fitted in elegant wooden box having lock and key arrangement
5. The acrylic cover is fitted on PCB to safeguard parts. It has holes for alignment and repair.
6. The testing points are provided with 1.25" tags to connect CRO probe
7. All Trainers are operated on 230V AC mains and must be self-contained unit.

## SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based regulated Power supply - 0-5 V DC/200 mA.
3. Following parts provided on Single PCB with connecting terminals.  
Binary Counter - IC 74193 - 1 No.
4. Logic output Indicators : 4 LEDs provided for output level indication.
5. Seven segment output Indicator : 1 No.
6. Pulsar Switches : 1 Nos provided.
7. Clock generator : 1 No with variable frequency from 1 Hz to 10 Hz.
8. Standard Accessories :
  1. User Manual with practical and circuit diagrams.
  2. Connecting patch cords - 10 nos.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

**Sigma Trainers**  
**E-103, Jai Ambe Nagar,**  
**Near Udgam School, Thaltej,**  
**AHMEDABAD - 380054.**

**Phone : 079-26852427 / 26767512**  
**Fax : 079-26840290 / 26759661**  
**ISDN : 079-26859162 / 26853758**  
**Email : sales@sigmatrainers.com**  
**: sigmatrainers@sify.com**  
**Web : www.sigmatrainers.com**

**Dealer:-**