Product name:	Product code:
Digital Logic Trainer / Logic Trainer Board	EEN0043



Description

Digital Logic Trainer / Logic Trainer Board

Technical specification

- LOGIC INPUTS : 16 switches for High/Low
- OUTPUT INDICATORS : 16, 5 mm bright Red LEDs.
- SEVEN SEGMENT DISPLAY: 4 digit seven segment display with decoder driver.
- DIGITAL VOLTMETER : Digital DC voltameter range 0 – 20V.
- OPERATING CONDITIONS : 0 to 40°C and 95% R.H. at 40°C.
- BREAD BOARD : Unique solder – less large size, spring loaded breadboard consisting of 2 Terminal Strips with 640 tie points each and 4 Distribution Strips with 100 tie points each, totalling to 1680 tie points.
- INPUT VOLTAGE : 230V ±10% at 50 Hz A.C. Mains.
- ICs PROVIDED : 29 ICs have been provided. Note :Following ICs or equivalent can be provided

Digital Logic Trainer / Logic Trainer Board

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exports India
Email us at: export@civilmechanicalindia.com

Digital Logic Trainer (TTL) / Logic Trainer Board based on 74 series has been designed specifically to make the students familiar with the study of TTL ICs and verification of the truth table of logic gates, flip-flops, Gated & Master Slave JK Flip Flops, Schmitt Trigger, Expanders, Binary Address, Counters, Shift Registers, Multiplexer (Encoder), Demultiplexer (Decoder), 8 Bit D/A Converter and 8 Bit A/D Converter etc. Large area of Bread Board is provided on the front panel for ICs. Students can make the circuit easily on the Bread Board with the help of other accessories which are provided on the front panel of Digital Logic Trainer.

Practical experience on this trainer/board carries great educative value for Science and Engineering Students.

Specifications:

- OUTPUT D.C. VOLTAGE : Fixed 5V and 0 – ±18V.
- OUTPUT CURRENT: 1 Amp.
- LOAD REGULATION : ± 1% of the highest specified output voltage.(NO LOAD TO FULL LOAD)
- RIPPLE AND NOISE : less than 2 mV.
- VARIABLE CLOCK FREQUENCY : 1 Hz to 1 MHz by three frequency range & multiplier.