

**Product Name :**  
Digital Logic Trainer TTL and Logic Trainer Board

**Product Code :**  
NLAB-EDUSCHOOLEQ202001



**Description :**

Digital Logic Trainer TTL and Logic Trainer Board

**Technical Specification :**

Output D.C. Voltage: Fixed 5V and 0-  $\pm 18V$

Output current: 1 Amp

Load regulation:  $\pm 1\%$  of the highest specified output voltage. (NO LOAD TO FULL LOAD)

Ripple and noise: less than 2 mV

Variable clock frequency: Hz to 1 MHz by three frequency range & multiplier

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 voltammeter 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  $\pm$ 10% at 50 Hz A.C. Mains

ICs Provided: 29 ICs have been provided

## Naugralabequipments

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