

**Product Name :**  
Microprocessor Trainer

**Product Code :**  
EEI0021



## Description :

Microprocessor Trainer

## Technical Specification :

1. CPU operating at 5.144 MHz
2. RS-232C interface & USB interface (Optional)
3. 20x8 keyboard & 7-segment display
4. EPROM

### Specifications

A) Based on 8085 CPU operating at 5.144 MHz crystal frequency.

B) 8K bytes of EPROM loaded with powerful monitor program.

C) 8K bytes of RAM available to the user.

D) Total on-board memory expansion upto 64K bytes using with 1 socket of 28 pin.

E) Memory mapping definable by the user.

F) 16-bit programmable TIMER/COUNTER using

G) 24 programmable I/O lines provided through

H) RS-232C interface through 8050/20 Lines with Auto baud rate.

- 12 Two modes of commands
- 13 Two key pad mode
- 18 Serial mode

41 All address, data & control lines are buffered and made available at the edge connector as per STD bus configuration.

K2 2528 key hexadecimal keyboard and six seven segment displays through

L3 Powerful software commands like Rotate, String Fill, Insert, Delete, Block Move, Execute/Compare Memory, Execute Register Insert Data, Delete Data, Single Step, G2, Break Point in both Serial & Keyboard mode.

M3 Facility for Downloading/Uploading Hex from PC.

O3 In-built Power supply

P3 User's Manual.

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