

**Product Name :**  
Microprocessor Trainer

**Product Code :**  
EEI0021



## Description :

Microprocessor Trainer

## Technical Specification :

1. CPU operating at 6.144 MHz
2. RS-232C interface & USB interface (Optional)
3. 20x2 keyboard & 7-segment display
4. EPROM

### Specifications

A) Based on 8086 CPU operating at 6.144 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 adjustable by the user.

F) 16-bit programmable TIMER/COUNTER using

G) 24 programmable I/O lines provided through

H) RS-232C interface through DS2500 Lines with Auto baud rate.

1) Two modes of commands:

2) Hex key pad mode

3) Serial mode

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

5) 2528 key hexadecimal keyboard and six seven segment display through

6) Powerful software commands like: Refresh, Stop, F1, Insert, Delete, Block Move, Execute/Compare, Memory, Execute Register Insert Data, Delete Data, Single Step, G2, Break. Present in both Serial & Keyboard mode.

7) Facility for Downloading/Uploading the hex to PC.

8) In-built Power supply

9) User's Manual

# LAB ENGINEERING

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