| Product name: | Product code: |
| --- | --- |
| Microprocessor Trainer Kit | Embedded0001 |




## Description

Microprocessor Trainer Kit

## Technical specification

- 48 I/O lines provided through two nos. Of 8255 brought out at 26 Pins FRC  Connector to interface with IC-XX Series
- RS-232C interface through SID/SOD lines
- Two mode of commands:
  – ASCII Key pad Mode
  – Serial Mode
- 20×2/20×4/40×2 Alphanumeric LCD Display with Backlite
- 101 ASCII Keyboard interface using operating @ 12MHz
- Powerful Commands like Examine/Edit Memory, Examine/Edit Register, Single  stepping, Execution, Block Move, Insert Data, Delete Data can be used  through ASCII keyboard or PC serial mode
- On board Single Line Assembler / Disassembler
- Facility for Downloading/Uploading files from/to PC
- All address, data & control lines are available on KXT Bus 50 pin FRC  Connector to interface with SC-XX Series
- All ICS are mounted on IC Sockets
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- In-Built Power Supply of +5V/1.5A, ±12V/250mA
- Attractive Wooden enclosures of Light weight Australian Pine Wood.
- User's Manual with sample programs.
- 270mm x 185mm x 105mm (L x W x H)
- Weight 3 Kgs

Microprocessor Trainer Kit

**Features**

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
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- 16K Bytes of EPROM with 8K bytes of Battery Backup RAM
- 48 I/O Lines, Three Channel Timer/Counter, PC Serial Interface
- 20×2 LCD Display with 101 ASCII Keyboard
- Power-full Command like Single Stepping, Break Point,Full Clock Execution, Examine Memory/ Register.
- Uploading & Downloading to and from PC in Windows98/XP/NT
- In-Built Power Supply

**Specifications**

- CPU operating at 6.144 Mhz
- 16K bytes of Powerful Monitor Program using 27512 EPROM
- 8K bytes of RAM using 6264 with Battery Backup using NICD Battery
- On-board one memory expansion up to 56KB
- Three Channel Timer/Counter using 8253 brought out at 10 Pins FRC  Connector