Product Name :	**Product Code :**
Microprocessor Trainer Kit	Embedded0001

Description :

Microprocessor Trainer Kit

Technical Specification :

Microprocessor Trainer Kit

Features

- 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

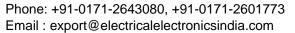- Power-full Command like Single Stepping, Break Point,Full Clock Execution, Examine Memory/ Register.

- 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

- 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

Electrical and Electronics

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