
Product Name : Microprocessor Trainer Kit (LCD)	Product Code : Embedded0007
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Description :

Microprocessor Trainer Kit (LCD)

Technical Specification :

Microprocessor Trainer Kit (LCD)

- 16K Bytes of EPROM with 32K bytes of Battery Backup RAM
- 24 I/O Lines, PC Serial Interface using USART, 12 bit ADC, DAC, RTC
- 20x2 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

- 32K user RAM using 6264 with Battery Backup using NICD Battery
- One socket is provided for RAM expansion up to 64K
- 16K bytes of powerful monitor EPROM using 27512
- 24 I/O lines using 8255 brought at 26 Pins FRC Connector to interface with IC-XX Series
- 20x2 Alphanumeric LCD Display with Backlite
- 101 ASCII Keyboard interface using 89c2051 operating @ 12MHz

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- On-board Single Line Assembler & Disassembler
 - Two External interrupts INT0 & INT1 are available at 40 pin FRC connector
 - RS-232C using RX/TX .
 - Two modes of operation:
 - Keyboard Mode
 - Serial Mode
 - Powerful Commands like Examine/ Edit Memory, Examine/Edit Register, Single
 - stepping, Execution, Break Point can be used through ASCII keyboard or PC serial mode
 - Facility for Downloading/Uploading files from/to PC
 - All Address, Data, Control & Port lines are available on 40 Pins & 10 Pins FRC Connector
 - 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

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