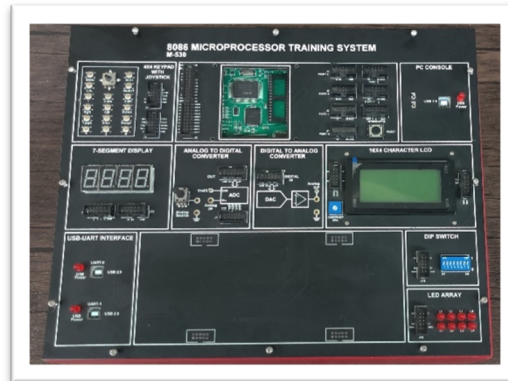


16-Bit Microprocessor Trainer (8086) with applications (EDC-M-530)



DESCRIPTION:

16 Bit Microprocessor Trainer is 16-bit Microprocessor Training System is based on the Intel 8086 microcomputer. The 8086 is a high performance, 16-bit, single-chip microcomputer that is software compatible with the Intel 8086 family of microprocessors. DOS compatibility allows development in a familiar environment with a wide range of tools. The application can then be tested through the console serial port. Borland C compiler IDE enables environment for fast development of programs/applications. PC software is provided with the training system to upload programs and to execute the programs on the training system.

TECHNICAL DATA:

MOTHERBOARD:

- Preloaded with DOS & Flash File System
- 33MHz 186 Compatible Processor
- 512K Flash
- 44 Digital I/O Lines
- 2 Serial Ports with USB -UART interface
- Watchdog & (2) 16-bit Timers
- XDOS (PC DOS 3.3 Compatible)
- PC Console Port for program uploading / execution
- 3 PC Compatible Counter/Timer Channels
- Programmable Hardware Clock Generator
- Selected PC BIOS Functions
- Full Address/Data Expansion Bus

TECHNICAL DATA:

EXTERNAL I/O INTERFACE:

- 16X4 Character LCD
- 4X 7-Segment Displays
- 8-Bit Monitor LEDs
- 4X4 Matrix Keypad with 5-way joystick
- 8 bit A/D converter
- 8 bit D/A Converter.
- 8 bit Dip-Switches.

ACCESSORIES:

- Power Cord,
- 2mm Patch Cords,
- IDC
- Connector Cable
- Software CD
- USB Cable.

• **APPLICATION MODULES (OPTIONAL):**

- 8-Channel 12-Bit A/D Board
- 4-Channel 12-Bit D/A Board
- 16X8 Dot Matrix LED Display Board
- 8-Channel Relay Control Board
- 128X64 Graphical LCD.
- Stepper Motor.
- DC Motor
- R/C Servo Motor.
- IR Distance Module
- Ultra-sonic Distance Module
- Force/Load Cell Module
- Temperature/Light Sensor Module

DIMENSIONS AND WEIGHT:

L x W x H (mm): 350 x 350 x 100

Weight: 2.5kg