

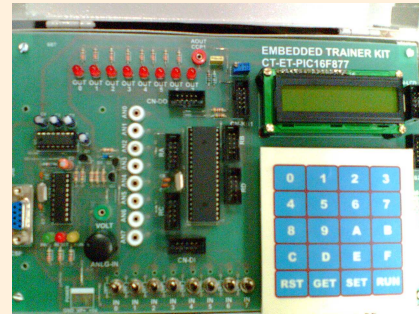
# CT-ET-PIC16F877

## Embedded Trainer Kit for PIC 16F877

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### Hardware Features:

- On-board PIC16F877A with terminated 5 ports
- On board In-Circuit Serial Programmer (ICSP)
- 16 x 2 Line LCD
- 20 Nos. Matrix Keyboard
- 8 Nos. Digital Input Switches
- 8 Nos. Digital Output LED's
- 8 Analog Input Terminals
- 0 – 5V Voltage Source
- 1 Analog Output using PWM
- PROGRAM, RESET and RUN indicators
- PC Serial Interface
- Built-in Power Supply



### Software Features:

- Basic Monitor Program provided for using LCD and Keyboard
- Various Sample Programs provided for learning different features
- Windows based software for downloading/uploading programs to/from the Kit
- Reset/Run control of the Microcontroller provided from PC
- MPLAB provided for development of programs
- MPLAB output HEX directly compatible with the PC software

The Embedded Trainer Series has been designed to demonstrate features and develop programs on microcontrollers using a PC as the development tool. The ICSP feature has made it possible to program the controller on board. Once the user is acquainted with microcontroller programming, he can write his own programs without using the monitor program. Interfacing boards may be connected externally to the system, as all the ports are made available to the user.

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## Core Technologies

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