



LP-PICD is a low cost evaluation kit for the PIC16F87X series microcontrollers. Utilizing the In-Circuit Debugging capability of the PIC16F87X protocol, the LP-PICD is a programmer as well as an in-circuit debugger. It is operated under the MPLAB IDE (Microchip's Integrated Development Environment), connects to an application, and runs like the actual PIC16F87X microcontroller in the design. LP-PICD is intended to be used as an evaluation and debugging aid in a laboratory environment.

### Features

- Real-time code execution.
- In-circuit debugging.
- Built-in programmer.
- 3.0V to 5.5V operating range
- Operating frequencies from 32 kHz to 20 MHz
- Operation from voltage (VDD) supplied by the target a Application.
- Source level and symbolic debugging
- MPLAB user interface.
- Microsoft Windows 3.X/95/98 compatible
- RS-232 Interface

### Supported Devices

Microchip device

- PIC16F873
- PIC16F874
- PIC16F876
- PIC16F877

### Standard Accessories

- LP-PICD Module x 1
- LP-PICD Header x 1
- LP-PICD Demo Board x 1
- 9V Adaptor x 1
- RS-232 Cable x 1
- 6 Pin Cable x 1
- Software Disk x 1
- Menu Disk x 1

### Physical & Environmental Specifications

- LP-PICD Module Dimension : 87mm X 49mm X 21mm
- LP-PICD Header Dimension: 74mm X 30mm X 21 mm
- LP-PICD Demo Board Dimension : 121mm X 71mm X 15 mm
- Cartridge module Weight: 0.5 Kgs
- Temperature : +5°C to +45°C
- Humidity : UP to 90% non-condensing
- Altitude : to 5000m
- Weight : 0.5 kgs

Information subject to change.

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