PIC 18F4500 TRAINER KIT
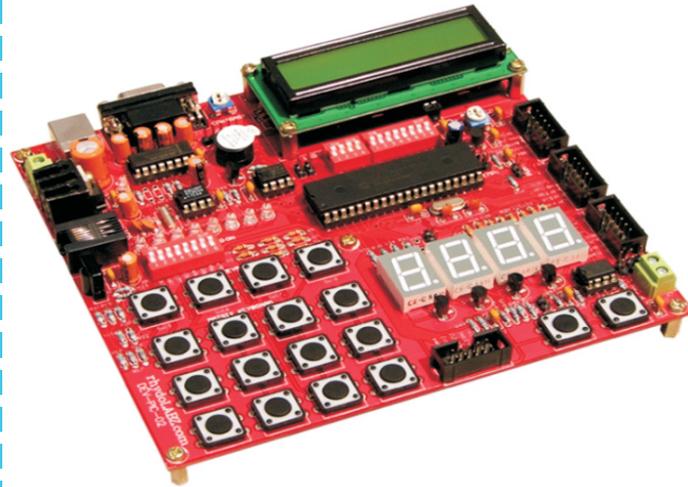
SPECIFICATION

Compact and Ready to use design

Professional and Fully EMI/RFI Complaint PCB Layout Design for Noise Reduction

High Quality Two layer PTH PCB

Includes PIC18F4550 Microcontroller with built in USB Peripheral

Board Supports PIC 16F877/18F 4520/4580 Microcontrollers

No separate programmer required (Built in Boot loader)

No Separate power adapter required (USB power source)

Screw terminal for External power Supply (with Jumper Select Option)

External Power Supply range of 7V to 20V

Adaptor (any standard 9-12V power supply) option

RS-232 Interface (For direct connection to PC's serial port)

On board Two Line LCD Display (2x16)

On board I2C EEPROM (4K-AT24C04).

On board I2C RTC (DS 1307) with Crystal and Battery

Four multiplexed 7-Segment LED Display

Built in Matrix keyboard (12 keys)

Built in 8 LED Interface to test I/O

On Board External Interrupt and Reset buttons

On Board Temperature Sensor Interface (LM35)

On Board Buzzer Interface

On Board PWM Output pin

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