

Easy PIC Development Kit - PIC16F877A



Product Features:

- *Easy PIC Development Kit provides a head start to programming Microchip PIC 16F877A micro controller.*
- *All the functions of PIC 16F877A are used in this design.*
- *The PIC on board can be programmed directly from the MPLAB application with the Boot loader software provided.*
- *Peripheral interfaces like LED, LCD, 7 segment LED, Key switches are wired on the Board itself for easy programming and development.*
- *This Kit is supported with example programs in both Assembly & C language codes. MPLAB IDE, PIC CCS C compiler Demo version software with MPLAB Plug-in, PIC 16F877A Data Sheet and programming instructions are provided in the CD-ROM.*
- *A Soft copy of the user manual is also included in the CD, in addition to the hard copy provided with the Kit.*
- *This is a complete Easy to use Development Kit for Training, experiments, design and development of products using the most popular Microchip - PIC 16F877A microcontroller.*

Contents of Easy PIC Development Kit-PIC16F877A:

The product kit consists of the following:

- *Easy PIC Development Board*
- *DC Power supply*
- *RS232 cable*
- *Software CD*
- *User Manual*

Specifications:

- ❖ *On Board Regulated Power supply 5V, 12V*
- ❖ *PIC 16F877A microcontroller with Boot loader firmware*
- ❖ *Built in RS232 connector*
- ❖ *16x2 Line LCD Display*
- ❖ *6x 7 Segment Display*
- ❖ *6x Key Switches*
- ❖ *3x Pots for Analog Input (10 Bit)*
- ❖ *8x Port B LED indications*
- ❖ *Boot Load / Reset Switch*
- ❖ *Jumper Selectable LCD/7SEG*
- ❖ *Jumper selectable KeySwitch/7SEG*
- ❖ *1x External 12 Bit ADC input– MCP3202*
- ❖ *1x External 256K Serial EEPROM - 24LC256*
- ❖ *2x External Analog Inputs (10 Bit on chip)*
- ❖ *1x External PWM Port*
- ❖ *1x External SPI Port*
- ❖ *2x Relay Outputs (C, No, NC outputs)*
- ❖ *1x Buzzer for Signaling*
- ❖ *Access to Port B & D for external connections*
- ❖ *5V output for external circuits*