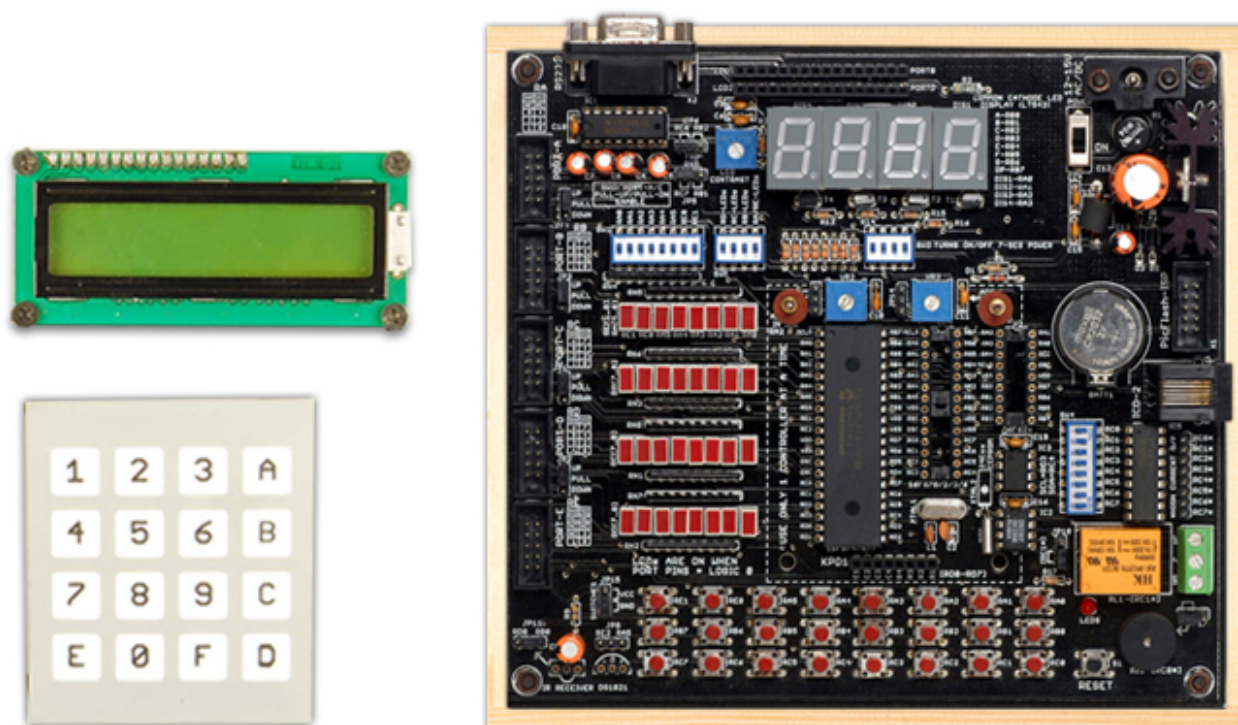


EMB-PIC

235/12-06-10/0



FEATURES

- Four 7-Segment LED Display
- Experimental board for 40/28/18 pin PIC microcontroller family
- In-System Programming (ISP) facility via PicFlash-ISP/PIC-ICD-II/ICD-2
- In-System debugging / programming via PIC-ICD-II/ICD-2
- On-board RS232 Compatible Serial Interface
- 4x4 Matrix Keyboard
- Two 16x2 Alphanumeric LCD (4-bit interface)
- I2C EEPROM (24Cxx)
- Real Time Clock (DS1307) with battery and SRAM
- All port-pins available on 10-pin box header
- User selectable pull-up/pull-down on all ports
- Thirty two LEDs on each port pin for easy logic state monitoring
- Eight-High current output port (500mA) for external loads
- One 12V Relay & Buzzer
- RC-5 Infrared remote control receiver
- Eight 10-bit A/D converter, Two 10-bit D/A converter provided by PIC16F877A/16F876A
- Temperature sensor with thermostat functions (DS18B21) socket on board
- Twenty four Push Button interface – to port pins with Logic 0/1 selection

IC's supported

Included in the Kit

PIC16F628 [A] – 18Pin

PIC16F877 [A] - 40 Pin

PIC16F876 [A]– 28Pin

Installable Software on CD

- Programmers Notepad Free, open source, text editor
- PicFlash Software, cPicFlash ISP Programmer software
- MPLAB, IDE
- Hi-Tech C Compiler, Limited Freeware Version
- Sample programmes for Peripherals

Power Supply

Input : AC 100 to 240V

Output : DC 12V @ 500mA.

DELIVERABLES

- PIC Flash ISP Programmer
- RC5 - IR Remote Handset,
- Serial connecting cable
- Set of Jumpers
- 4 X 4 Key Board,
- 16 X 2 LCD Module

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*Specifications of the products mentioned in this catalog are subject to change due to constant upgradation and availability of components in the international market.