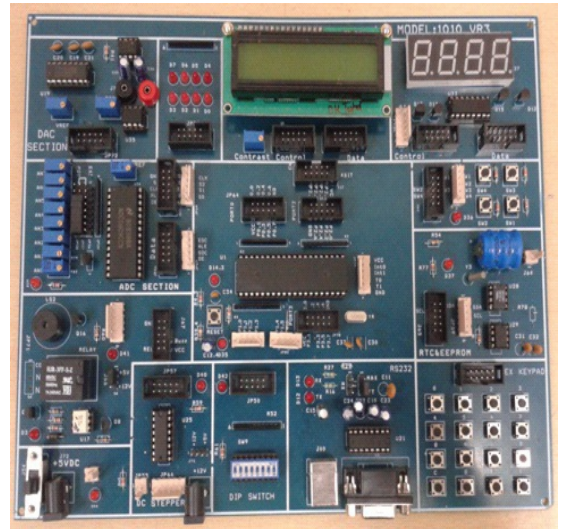


# Microcontroller 8051 Trainer Kit 6 Application



## Technical Specification

- Usb Programming Facility,rs232 Communication
- Complete Board 5v Operated, Easy Plug & Play Connectors.
- Power Control Switch, Interfere With Capacity Of 4k.
- Project Oriented, Windows Compatible
- 8051 Micro controller with ISP features.
- In Circuit programming and serial communication through PC.
- E2PROM with 1<sup>2</sup>C interfere with capacity of 4K.
- RTC with battery backup.
- One +5V relays with isolated O/Ps.
- All interrupts available on header.
- 16 X 2 LCD
- 8 I/Ps from DIP switches.
- 8 O/Ps available on LED's.
- 4 multiplexed 7- segment displays.
- Win Xp based driver software for programming in C
- External reset switch.
- On board buzzer.

## Experiment

- Programming & Interfacing of different type of display , led , lcd & seven segment.
- Programming & interfacing of relay buzzer control.
- Programming & interfacing of motor control.
- Programming and interfacing of input devices- dip switch , Test switch and 4x4 hex keypad.
- Programming and interfacing of ADC.
- Programming and interfacing of serial communication (Rs-232).
- Programming and interfacing of eeprom & rtc -i2c protocol.
- Programming and interfacing of DAC.