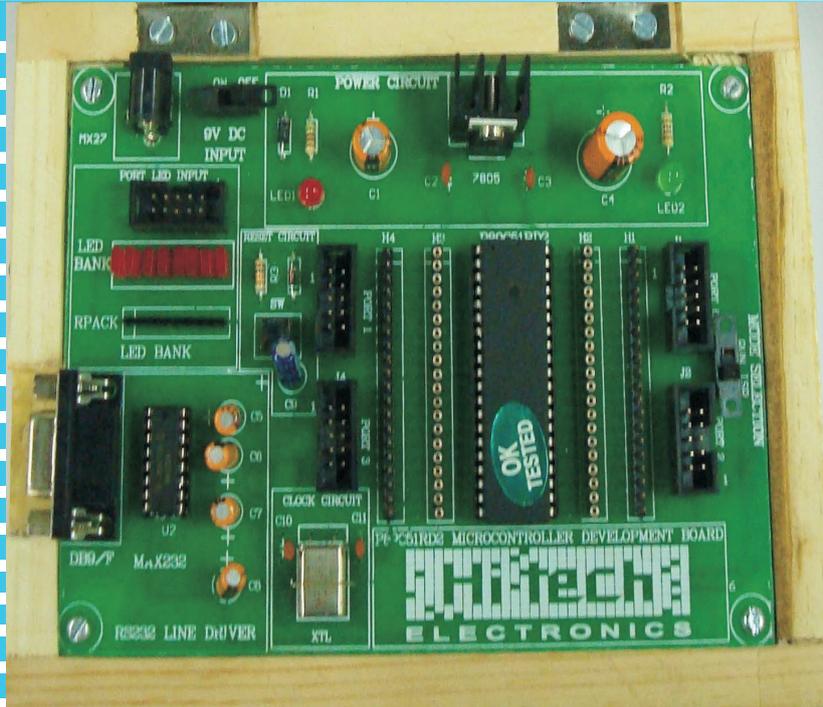


MICROCONTROLLER 8051 TRAINER KIT

A Friend in Need

Hitech
ELECTRONICS



- 1) Architecture using 89V51RD2/ Equivalent
- 2) Speed : Operating frequency 11.059 Mhz
- 3) 8051 CPU
- 4) 5V operating voltage from 0 to 40 Mhz
- 5) 64 Kb of on-chip flash program memory with ISP (In system Programming)
- 6) Supports 12 -o clock or 6 -o clock mode selection via software or ISP.

- 1) SPI (Serial Peripheral Interface) and enhanced UART
- 2) PCA(Programmable Counter Array) with PWM and Capture/Compare functions
- 3) Four 8 bit I/O port with three high current Pt 1 pin (16mA each)
- 4) Three 16- bit timer/counters
- 5) Eight interrupt sources with four priority levels
- 6) TTL and CMOS compatible logic levels

Also Available : PIC , ARM-7/9/1, AVR, Arduino, Raspberry Pi, DSP, VLSI Trainers

Goldwings, Office No 8, Behind Aditya Nakoda Building, Ganeshmala, Sinhagad Road, Pune 411030
Ph.No/Fax 24254270 ; 9822843270 E-Mail :pravin_gundewar@yahoo.com / hitechelectronicspune30@gmail.com
Website : www.hitechelectronicspune.com

Authorised Dealer

INTERFACE CARDS

A Friend in Need

Hi-tech
ELECTRONICS



LCD Card

- 1) 4X4 high quality LCD display.
- 2) In built 16 X2 LCD with contrast control
- 3) 10 pin easy to use connector.



7 Segment Display Card

- 1) 4X4 high quality matrix display.
- 2) In built 4 seven segment red LED display.
- 3) 10 pin easy to use connector



DAC Card

- 1) 10 bit high precision DAC 0808
- 2) High speed opamp amplifier.
- 3) 10 pin easy to use connector
- 4) Elegant aesthetics.



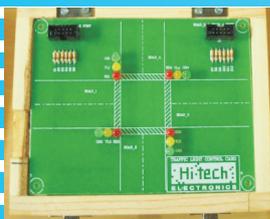
ADC Card

- 1) 8 bit high precision ADC 0808
- 2) High precision pot for fine adjust .
- 3) 10 pin easy to use connector
- 4) Elegant aesthetics.



Stepper Motor Card

- 1) Stepper motor interfacing with 8051 board.
- 2) Inbuilt LED to show power on.
- 3) Supply pin for flexibility
- 4) Elegant aesthetics.



Traffic Light Control Card

- 1) A road traffic light display with 4ways with imaginable traffic.
- 2) LED as per the traffic rules.
- 3) Easily interfaced using 8051.
- 4) Elegant aesthetics.

Other interface modules : I2C based ADC/DAC , RTC & EEPROM and many more...

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