

## **PIC Microcontroller Tutorial**

ajay\_bhargav, Tue Jun 05 2007, 09:42 pm

New tutorial section is added in the website.

[PIC Microcontroller tutorial](#) is available. this will give you basic information about how to program a pic micro. also it has a programming example and small codes which explain you on the way.. regarding PIC micro.

Following are the topics included in the tutorial.

### **A) PIC 16F84 Introduction**

Introduction of PIC microcontroller, Pin description and applications.

### **A) PIC Reset and Oscillator**

PIC reset circuit and oscillator information, circuit of internal and external oscillator.

### **B) PIC Central Processing Unit and Registers**

central processing unit and registers of 16F84 microcontroller.

### **C) Port Programming of PIC Microcontroller**

Internal circuit diagram of port pins and examples on port programming.

### **D) Addressing Modes of PIC Microcontroller**

PIC microcontroller addressing modes. A brief information on indirect and direct addressing.

### **E) Seven-Segment Display Example**

A small programming example. Seven segment program to display numeric value on 7-Seg display.

Please visit the tutorial section