

## **Stepper Motor Interfacing with Microcontrollers Tutorial**

ajay\_bhargav, Tue Aug 07 2007, 06:23 am

New tutorial added in the microcontroller interfacing section. This tutorial will provide you complete information on how to interface Unipolar stepper motors and Bipolar stepper motors with your microcontroller.

### **Stepper Motor Interfacing**

Following are the topics covered in the tutorial:

### **Introduction to Stepper Motors**

Introduction of stepper motors. Construction and working principal of stepper motors.

### **Step Sequence of Stepper Motors**

Step sequence for Full step, Half step, 2-wire mode of unipolar stepper motor and bipolar stepper motors.

### **Stepper Motor Connections With microcontroller**

Different methods of connecting unipolar and bipolar stepper motors with microcontrollers.

### **Microcontroller programming**

Complete code for programming microcontrollers in C and assembly to control stepper motors.

Please visit: [Stepper Motor Interfacing](#)