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