LATEST ARTICLES

8051 DEVELOPMENT TOOLS

8051 is the only processor core which is widely accepted and used. 8051 was in past, still used in today and will be used tomorrow.   8051 architecture was originally developed by intel co. in 1980. and now a days more then 20 manufacturer make chip around 8051 core. Some of them are ATMEL, NXP, Maxim etc.

In this article we have compiled different 8051 development tools. To read this article please **Click Here**

STEPPER MOTOR: AN INTRODUCTION

A Stepper Motor is widely used device in position control task. A Stepper Motor is widely used for translates electrical pulses in to mechanical movement. Stepper Motor Have a permanent magnet or rotor surrounded by stator.. A **Stepper Motor** is a brushless synchronous electric motor that can divide a full rotation into a large number of steps.

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STEPPER MOTOR: INTERFACING WITH MICROCONTROLLER

In previous section, we studied different types of Stepper Motor and Lead identification of Unipolar which is commonly used. These parameters user must understand before interfacing with Micro controller

Technical Parameters
- Motor Speed
- Holding Torque
- Step angle
- Step per second and rpm relation

Motor Speed

The motor speed, measured in steps per second (Steps/s), is function of switching rate.By Changing the length of the time in Delay, we can achieve various rotation speed. [...]
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USE OF IAR WORKBENCH PART 1

IAR provide development tools for various processor families. It also provide development tools for 8051 and ARM. We are giving demonstration of IAR workbench through power point presentations.

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