LED Dot Matrix Display tutorial package with examples

ajay_bhargav, Wed Aug 01 2012, 03:03 pm

LED Dot Matrix Display Tutorial Package

Majoka has shared a great tutorial package for those who want to learn and understand how Dot Matrix display works. I would have uploaded this earlier but I was busy with other things. This tutorial package contains three parts listed as follows:

- » Basic Matrix LED Control
- » Static Character Display
- » Dynamic Character Display

All tutorial contains sample programs with code and proteus simulation.

Part 1: Basic Matrix LED Control
This part discuss about basic control of matrix display e.g. LED scanning, types of scanning. This part includes a sample program with simulation that take you through this part of tutorial.

Part 2: Static Character Display
This part teach you to display one character on a matrix display. This part contains two programs
1. To display 'A' on LED matrix
2. Display Alphanumeric characters on LED Matrix

Part 3: Dynamic Character Display
This part helps you understand how to runtime update a Matrix display and scrolling of display characters. This part also includes a sample program which displays Alphanumeric characters (A-Z, 0-9) and scroll them left to right.

I am sure this wonderful tutorial will help you in your future projects. Please post your queries regarding this tutorial in our **forum**.
Download this tutorial here:
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