



Bahria University Islamabad Campus

A Report On
4-Way Scrolling Electronic Display Board

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Abstract

The aim of this project is to make a Display Board that must Scroll in four directions. In order to do this, generalized code is written for the four way scrolling. EEPROM Technology and I²C Protocol is also implemented. In this project Master-Slave micro-controllers concept is used which is different from the Display Boards that are sold in the market. EEPROM IC is accessed with the help of the I²C Protocol developed by Phillips. To make things look more professional, GUI(Graphical User Interface) is made in Visual Basic 6.0.

In making of this project, market research has been made and it is found that only one way Scrolling Display Boards in the market cost about Rs. 5000. But this project with the size of 1.5 foot x 2 inches and with four way scroll costs about Rs. 4000.

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