DEVELOPMENT OF AN MCS51 MULTIPUPROSE BOARD AND ITS PROGRAMMING ROUTINES

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ABSTRACT

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Project Title: Development of an MCS-51 multi purpose board and its programming routines.

This project work deals with one of the most popular microcontrollers: 8051. Its main purpose is the construction of a multipurpose board with its programming routines.

The design of the board was such so as to give sufficient features for a lot of applications. For this reason the board offers the maximum memory that the CPU can handle but it can be also used with only minimum (on Chip) memory for small applications.

Basic software is provided for serial communication and for testing purposes. Furthermore, the small manual of the board will help its users to work with it quite easily.

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