



Section 5

AVR Simulator Manual

5.1 Introduction

Welcome to the Atmel AVR Simulator. This manual describes the usage of the Simulator. The Simulator covers the whole range of microcontrollers in the AT90S family.

The Simulator executes object code generated for the AT90S microcontrollers. In addition to being an instruction set Simulator, it supports simulation of various I/O functions.

The Simulator can be controlled through a Command window, through Menus, or by clicking on Toolbar buttons.

The Simulator reads a self defined object file format which is described in this document. This format is supported by the Atmel AVR Assembler. The object format allows assembly source level simulation.

The Simulator runs under Microsoft Windows 3.11, Windows95 and Windows NT. Most of this document is available through the on-line help function.

To get quickly started, the Quick-Start Tutorial is an easy way to get familiar with the Atmel AVR Simulator.

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Albert A Gayle



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