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8051win

The fast entry into the field of microcontroller engineering

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8051win is a simulation software to visualize Assembler code files (Intel-HEX format) for microcontrollers, which work with the 8051 command set. You can generate these HEX files with each Assembler program. With 8051win you can open and disassemble these files as well as consider the effect of each command cycle by cycle (fetch command... decode... start) or step by step. You have always an overview of all internal registers, the external program and data memory and the ports. With the cyclic command editing all data transfers inside the controller are illustrated graphically. The simulation speed is adjustable.

8051win is able to simulate the complete command set, or in model computer mode a reduced command set.

To the ports you can connect simulated I/O devices like switches, LEDs, traffic light models, etc.

8051win should be used as test instrument between the program development phases „Assembling“ and „Download to target system“. The software shows pro-found insights into the working method of a controller.

8051win needs no hardware for simulation.

System Requirements:

- PC with Windows® Software
- Hard disk: 10 MB free
- Working memory: 4 MB
- 3.5" disk drive
- SVGA graphic card (800 x 600)

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