CS8051 C-SPY Simulator/Debugger

- "Point and Click" Debugging Environment Under Windows*
- Global and Auto Variable Watchpoints
- Unlimited Number of Breakpoints
- Display and Modify Content of Registers, Memory Locations, and Variables
- Debugging on C and Assembler Levels
- Function Call List (With Parameter) and Function Trace
- Command and Log File Control
- C-Like Macro Language to Simulate I/O's and Interrupts
- Powerful Yet Easy-to-Use Command Set
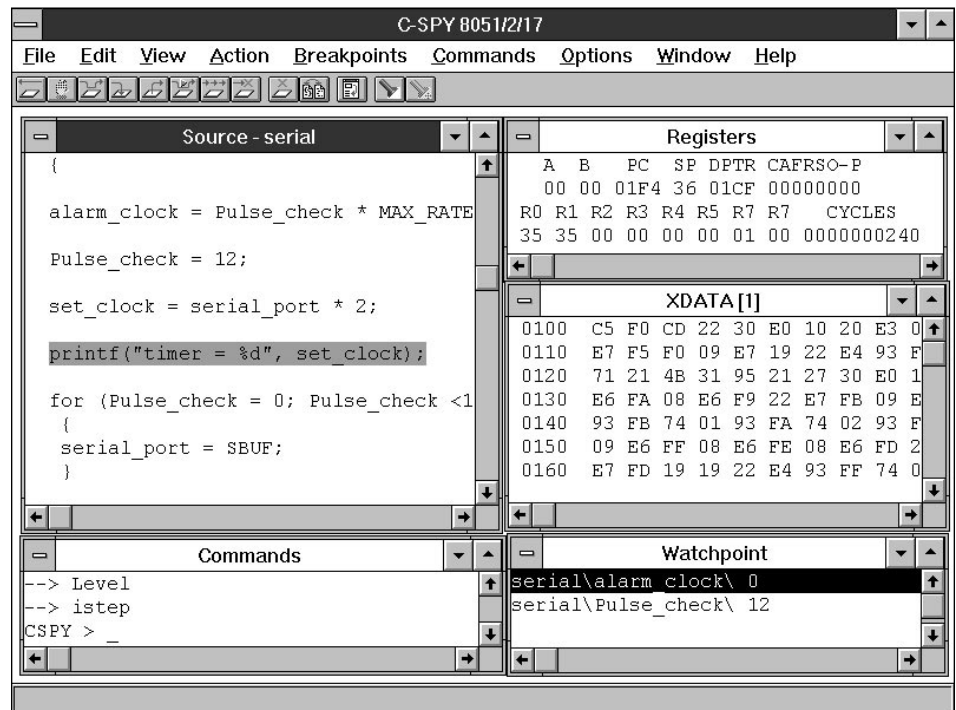- Supports Debugging of Banked Code

C-SPY 8051 is a very powerful debugger available as part of the IAR Embedded Workbench for the Intel 8051 or separately. It has a true Windows interface, with windows for the source code, registers, watchpoints, memory space, terminal I/O emulation and command input. With a point and click interface, C-SPY provides you a 'Plug & Play' environment while executing powerful debugging commands. C-SPY is designed to help you speed up your troubleshooting time and quickly zoom in on the problem areas in your code.

Registers & Memory

A register window allows you to monitor or point & modify the content of the 8051 registers during code execution. And a memory window allows you to display or change the content of your RAM space. Also used to display ROM space and monitor Stack manipulations.

Watchpoint & Terminal I/O

You can put watchpoints on any global or auto variable. You can also display content of arrays, structures, and pointers. A terminal I/O window displays your outputs on screen and accepts inputs from the keyboard.

Commands

A powerful yet easy to use command set; includes all what you need in a debugging environment. Frequently used commands are invoked through PF keys.

C-SPY/Monitor

C-SPY is also available as a ROM-Monitor version. The monitor is user configurable and could be used with any board fulfilling the basic requirements of the ROM-Monitor.

MICROCONTROLLERS SUPPORTED:

80C51Rx, 80C51SL, 803x, 805x

DEVELOPMENT PLATFORMS:

PC (Non-Windows), PC/Windows, SUN, HP

AVAILABILITY:

Now

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