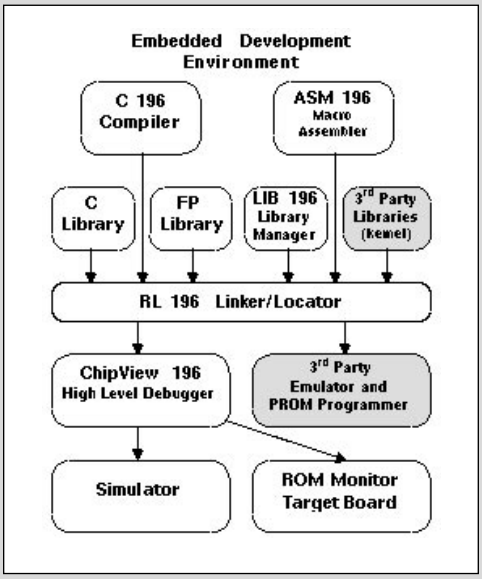
ChipView 196 Simulator Debugger

- Supports C, PL/M and Assembler
- Full Support For 16- and 24-Bit MCS® 96 Microcontrollers
- Simulator Requires No Hardware
- Conditional Code and Software Data Breakpoints
- I/O Simulation Using Files, Timed or Polled
- Full Trace Including C, Assembler and Stack
- Data Monitoring of Expressions and Variables
- Cycle Timing
- Context Sensitive Help and On-Line User Manuals



The ChipView Windows debugger is a true Windows* application and makes full use of Windows controls such as toolbars, tooltips and context sensitive pop-up menus. TASKING is a distributor of ChipView-196.

The ChipView-196 instruction set simulator supports both 16- and 24-bit opcodes to let you debug your Intel MCS 96 microcontroller program in a safe, crash-proof environment. Running on your computer with no additional hardware, this high performance engine achieves nearly real-time speed of an MCS 96 microcontroller CPU. It is ideal for testing entire programs before the target hardware is ready.

It fully supports vertical and horizontal windowing, and automatically traps odd-boundary or reserved address accesses. Interrupts can be timed or manually triggered while the simulation is running. Elapsed cycle times are continuously measured to permit testing and timing of interrupt driven routines. The instruction set simulator collects up to 16K of trace, complete with time stamp information. Code and data spaces can be mapped with 256 byte granularity.

With ChipView there are plenty of views to choose from: source level code, assembly level code, watches, inspectors, on-chip registers, C call stack, variables, breakpoints, execution trace, session log, elapsed cycles, memory dumps and more. See all of your variables (global and local) at once in the variables window, or just track a few expressions in the watch window. Decompose arrays or structures across several inspector windows. With ChipView-196 you simply point and click to follow a linked list. ChipView-196 provides a high level view to let you debug your code in the same language you wrote it in, and a low level view for those times when you need to see the assembly level code.

MICROCONTROLLERS SUPPORTED:
8xC196Kx/Mx/Nx, 80296SA

DEVELOPMENT PLATFORMS:
Windows 3.1, Windows 95, Windows NT, Extended DOS

AVAILABILITY:
Now

CONTACT:
TASKING, Inc.
Norfolk Place, 333 Elm Street
Dedham, MA 02026
Phone: (617) 320-9400
(800) 458-8276
FAX: (617) 320-9212
e-mail: sales_us@tasking.nl
WWW: http://www.tasking.nl
For international contacts, see Appendix B.

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