

DK251 Developer's Kit

- ANSI C Compiler For All Intel's MCS® 251 Microcontrollers
- Source Code Compatible With Keil C51 Compiler (Up to 15-Times Faster Code)
- Seven-Level Optimizer With Global Register Coloring
- Code Banking Linker Supports Up to 2 MB Programs
- µVision Integrated Development Environment
- Source-Level Debugger With Target Monitor
- Peripheral Simulator For All Intel 8051 and 251 Derivatives
- A251 Macro Assembler (Source Compatible With Intel ASM-51)

The Keil DK251 Developer's Kit unlocks the power of the Intel MCS® 251 microcontroller family. Because of its high-performance design, the 251 gives you up to five times faster 8051 code execution. C programs re-compiled with Keil C251 run up to 15 times faster! Upgrading from the 8051 to the 251 is fast and easy since the 251 tools are compatible with the Keil 8051 and Intel 8051 toolsets.

The Keil C251 Compiler is a dedicated ANSI C Compiler designed explicitly for the MCS 251 microcontroller family. C251 provides full support for the 251 architecture and can access all system components. Variables can be explicitly located anywhere in the 251 address space. The linear 16 MB address space can be accessed using a number of different addressing modes.

The dScope-251 source-level debugger provides full support for both the Intel 8051 and the 251 families. dScope-251 provides full trace buffer capability with the option to review up to 512 executed instructions. The Code Coverage function automatically marks executed code and allows you to quickly see parts of your program that have not executed. The built-in Performance Analyzer records timing statistics of functions and program blocks.

Extensive breakpoint capabilities combined with the C-style function language gives you full control of program execution – all directly on your PC.

The Keil DK251 Developer's Kit is an open platform which can be combined with all Intel 251 emulators, fuzzy logic tools, and real-time operating systems from leading vendors.

MICROCONTROLLERS
SUPPORTED:

8xC251Sx, 82930A

DEVELOPMENT PLATFORMS:

Windows 3.1, 95, NT

AVAILABILITY:

Now

CONTACT:

Keil Software, Inc.

16990 Dallas Parkway, Suite 120

Dallas, TX 75248-1903

Phone: (800) 348-8051 (Sales/Support)
(214) 735-8052

FAX: (214) 735-8051

e-mail: sales@keil.com

WWW: <http://www.keil.com/>

For international contacts, see Appendix B.

