

STEP SDBG960 State-of-the-Art Source-Level Debugger



- Intuitive User Interface Implemented Under Windows* 3.1
- Powerful Logic and Performance Analysis Capability for Optimizing Hardware and Software
- Switches Instantly and Coherently Between Source and Assembly Windows
- Operates with All STEP Emulators
- Trace Windows for Microprocessor State, External Signals, Execution Reconstruction
- Multi-Level Trigger (Hardware Matchwords) and Symbolic Store Control
- Powerful and Flexible Breakpoints on Execution Addresses, Data Accesses, Data Values and Conditional Events
- Multiple Register Windows Updated at Each Break in Execution
- Watch Window with Variables in Native or User Specified Formats
- Supports Intel's CTOOLS960, STEP's SGCC960 and Microtec's MCC960 Compilers
- Also Available as a Software Only Solution with On-Board Target Monitor



To expedite software development, SDBG960 is a powerful debugger, closely coupled to the Express emulator hardware. With multiple windows on a single display and Windows* point and shoot methodology, debugging is quicker than ever.

Both hardware and software breakpoints set symbolically can now be used together with the resultant trace information displayed at the source level. This is a new level of power for the software developer, as well as the system integrator.

Now both C and assembly language programs are easier than ever to debug with SDBG. The convenient Windows displays offer an advanced interface for displaying information at the source and assembly level. The unique Instant Replay Window reconstructs source execution by

correlating the C source code with the disassembled instructions. Now you can execute to a breakpoint and replay the program flow in slow motion more easily and realistically than single stepping through the program.

SDBG also provides direct access to Multi-Level Triggering, Store Control, and Performance Analysis. These capabilities allow the software developer to define a complex set of events, using program symbols, for data collection and selective trace storage.

The Performance Analyzer provides immediate access to histograms and execution statistics through an automatic setup facility. The histograms are presented with the graphical interface to accurately portray an application's performance characteristics. Performance bottlenecks are fully exposed through a complete set of event and timing histograms.

Offering versatility and convenience, SDBG is a comprehensive source level

debugger featuring all the capabilities found in the most popular debuggers and more.

HOST SYSTEMS SUPPORTED:
PC/AT, PS/2, Custom

PROCESSORS SUPPORTED:
i960® Cx/Hx/Jx Processors

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