COMPASS/251

- Macro Assembler
- Linker/Locator
- Object Librarian
- ANSI C Compiler
- Full Symbolic Source-Level Debugger
- Instruction Simulator
- IDE Control Panel
- Online Help With Tutorial & Sample Program
- Online FAQs
- User's Manual (600+ Pages)

COMPASS/251 is a Windows*-based integrated software development environment for the 80251 and 82930 families of microcontrollers. All components in PLC's COMPASS/51 environment are true Windows applications. COMPASS/251 takes advantage of Windows' virtual memory manager as well as the Windows GUI. This eliminates cryptic command options and out-of-memory messages.

The COMPASS/251 ANSI C Compiler is an efficient optimizing compiler supporting small, medium, large and huge memory models for all variations of the 80C251 family. It supports all ANSI base types and the bit type. You can manually control pointer sizes or let the compiler automatically determine for maximum efficiency.

The Macro Assembler converts code generated manually or by the compiler into relocatable IEEE-695 object modules. The Linker/Locator produces a loadable file from object files the assembler generates. This process resolves all external references, combines the code and data segments, and recursively searches the libraries. Object Librarian speeds up the linking process and lets you manage a large number of object modules the assembler generates. Creates libraries in the IEEE-695 format.

Our full symbolic Source-level Debugger gives you complete source level debugging at C or assembly level and complete control over your programs while running

them on an emulator or instruction simulator. It also allows you to graphically access all variables, including local variables and those stored in registers. In addition, it includes an emulator interface driver for the Nohau Emulator.

An Instruction Simulator simulates the operation of the 80251 microcontroller and gives you debugging capabilities in the absence of a microcontroller or supporting hardware.

The COMPASS IDE Control Panel allows you to experience a visual integrated development environment on your screen as you navigate within the different tools.

MICROCONTROLLERS SUPPORTED:

8x3x, 8xC3x, 8xC5x, 8xC51x, 8xC51Fx, 8xC5xGx, 8xC51Rx, 8xC51SL, 8x151, 8xC152Jx, 8xC251Sx, 8x930x

DEVELOPMENT PLATFORMS:

Windows 3.x, 95 and MS-DOS

AVAILABILITY:

Now

CONTACT:

Production Languages Corporation
P.O. Box 109
Weatherford, TX 76048
Phone: (800) 525-6289 - US
         (817) 599-8363 - International
FAX: (817) 599-5098
e-mail: PLCorp@aol.com
WWW: http://www.plcorp.com

LEADING THE WAY IN EMBEDDED SYSTEMS TOOLS