

Information Sheet: Paradigm C/C++ Beck IPC Edition

The state-of-the-art software development environment for the IPC@CHIP®



The Beck IPC Edition of the Paradigm C/C++ Compiler is a state-of-the-art integrated development environment (IDE) for creating C and C++ programs for the IPC@CHIP® controller family.

The Paradigm C/C++ Compiler supports the 24-bit address mode required for the new IPC@CHIP® SC123/SC143 and SC23/SC24 series. Compared to the Borland Compiler V5.02 however, the Paradigm also offers some benefits for the IPC@CHIP® with a 20-bit address space (SC13, SC11 and SC12).

A clear benefit for you is the fact that the Paradigm Compiler not only offers ensured use on future Windows versions but also generates program code for SC13, SC11 and SC12 that is up to 12% more compact – a real benefit for every customer!

Other benefit: Compatibility

The Paradigm C/C++ Compiler is source code compatible with the Borland C/C++ Compiler Version 5.02. Existing source codes can be accepted without the need for any modifications. The Paradigm Compiler also works with the Beck Remote Debugger for IPC@CHIP®. Changing from Borland 5.02 to the Paradigm Compiler can therefore be carried out without any problem.

RTOS API documentation and C library

The IPC@CHIP® RTOS API documentation is incorporated in the Help system of the development environment. The API C libraries come also already integrated and are thus available directly to the user for developing the application.

Visual Assist

Visual Assist is a powerful enhancement for the Editor and supports you in automatic code generation. Visual Assist intuitively completes your functions, starts macros and offers suggestions for code optimization. You just have to press the Tab key at the start of a symbol and Visual Assist completes the operation.

| | Borland C/C++ 5.02 | Paradigm C/C++ Beck Edition |
|--|-----------------------|--------------------------------|
| SC13/11/12 Support | x | x |
| SC1x3/SC2x Support | | x |
| Graphic IDE (Windows) | x | x |
| Integrated IPC@CHIP® Debugger | | x |
| IPC@CHIP® Debugger Support | x | x |
| Code optimization | | -12% code size |
| Visual Assist | | x |
| Eval. version available | | 40 days |
| Compatible with future Windows versions | | x |
| Support via Beck IPC (Internet Newsgroup,...) | x | x |

Minimum system requirements

- PC with Pentium III processor
- Microsoft Windows NT/2000/XP
- 256 MByte RAM
- 100 MByte hard disk memory

Support - We are always there for you!

Technical support for this product is provided exclusively by Beck IPC GmbH. Also take advantage of our newsgroup forum for exchanging information with other users at:
<http://www.beck-ipc.com/forum>.

License

The Beck Edition generates code for IPC@CHIP® Controllers exclusively. Other controllers are not supported. The Beck IPC Edition is available as a single-user license with a USB Key.

Further information: <http://www.beck-ipc.com>