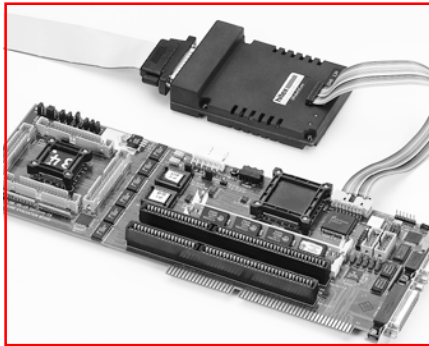


JProbeC166

The Modular Tool Chain C166CBC

The OCDS Debug Solution

The strategy for the C166CBC toolchain utilizes the capabilities of OCDS - the On Chip Debug Support provided by Infineon Technologies. Hitex offers a universal solution for Infineon's C166CBC family. The system is also prepared for upcoming derivatives with C166S core. The main benefits of this product line are ease-of-use and versatility.



Our proprietary user interface HiTOP supports very sophisticated HLL-Debugging and allows an easy transition between different types of tools and CPU platforms.

Entry-Level: JProbeC166

This JProbe for C166CBC starts with an entry-level solution that utilizes the JTAG-Port and exploits the entire OCDS functionality. Our well-known HiTOP

debugger offers software breakpoints, OCDS hardware breakpoints and implements Fastbreaks for on-the-fly access to any memory and internal register. In order to establish a fast link to the target system, the JTAG connection is linked via the host PC's LPT port. A JTAG connector has to be provided to the target hardware. Where no JTAG-connector can be provided, we also offer a direct adaptation to the footprint of the C166CBC chip via our patented PressOn technology. This avoids the need for additional space to accommodate a JTAG-connector on the PCB – especially suited for debugging of production units.

The Operating Environments

The product shares the same user interface which is unique among all Hitex products. HiTOP supports all leading compilers and their object formats. Many third-party tools are well integrated with HiTOP because of the acceptance of HiTOP as standard emulation control software. Different RTOSs are supported through display of task-lists

Highlights

- Sophisticated HLL-debugging software:
 - > easy to use
 - > watch/examine for variables
 - > full-blown symbol manager
 - > batch/macro file processing
 - > on-line help function
 - > generator for creating user-defined windows
- Fast break for on-the-fly access
- 5 Volt / 3 Volt / 2.5 Volt Support
- Interface between PC and target via JTAG cable
- Alternatively adaptation via Hitex PressOn Adapter
- Virtually unlimited software breakpoints
- OCDS hardware breakpoints
- Task-specific debugging
- Initially supported Controllers:
 - > C165H, E-GOLD, SDA6000
- USB Controller:
 - > C165UTAH, C161U

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