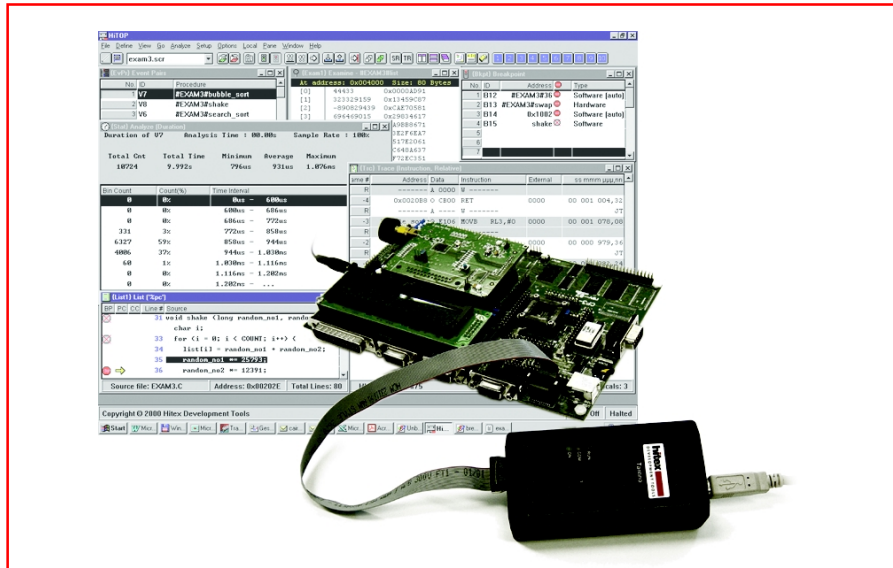


Tantino CR16C

Small and Compact Nexus Class 1 Debug Tool for CR16C Derivatives



Tantino CR16C

Tantino™ is the newest member of test and analysis tools from Hitex. Tantino™ is available for various microcontroller architectures, and National Semiconductor's CR16C with Nexus compliant debug interface is one of those.

The basic Tantino CR16C system consists of a small module with a debug cable that allows the direct connection of the test and analysis tool to the Nexus port in the target system. The system communicates to the host via USB.

Tantino CR16C is a small and compact Nexus class 1 debug hardware with an excellent price/performance ratio. It supports all CR16C DECT specific features like DIP debugging, GENDSP support, 2 and 3 cell mode etc.

About HiTOP

HiTOP is the Windows based universal user interface for nearly all Hitex development tools. It provides complete HLL debugging and rapid access to all in-circuit emulator resources.

As well as being packed with useful features, HiTOP can read object files in almost any format and it makes efficient use of debug information included. A powerful command language included can be used to record and replay user actions. This language facilitates automatic testing of applications and remote control of the development tool. Kernel awareness for most RTOSs can be added to HiTOP and it's possible to integrate it with a great deal of our partner products, including visual design and test tools, analyzers, editors, etc.

General Software Tools supported: Tessa, Trice, DAC, EasyCode, MKS Source Integrity, X32, Rhapsody in MicroC, Code Wright.

Features

Tantino CR16C

- Small and compact Nexus class 1 debug hardware
- Support the maximum operating frequency without wait-states
- Excellent price / performance ratio
- Easy emulation processor setup
- Watchdog support
- Full DIP debug support*
- GENDSP support*
- Fast program download
- FLASH programming support
- Support for 2 and 3 cell mode*
- Optional 'smart' access to variables with minimum real-time violation
- Virtually unlimited number of software breakpoints for code located in the target RAM
- up to 8 complex hardware breakpoints for code, data read or data write for the complete 16 MB address range
- 4 break ranges for code, data read or data write for the complete 16 MB address range*
- External signals: trigger in and trigger out
- Target VCC: 1.8V .. 5V
- Power supply: USB bus powered
- Host interface: USB
- Support for all popular compilers (IAR, National Semiconductor)

* available with DECT licence only!

Preliminary

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