

Tantino for Cortex

JTAG Tool for ARM® Cortex™-M3

Start your Cortex-M3 project using this compact and cost-effective debug interface. All run-control debug facilities like breakpoints, data watchpoints, single-step, register and memory view are supported. Together with the HiTOP5 IDE, a Windows based environment, you have everything to compile and debug your application including an optional RTOS support.

The following list summarizes the technical details:

- > Supports Cortex-M3 based microcontrollers
- > JTAG and Serial Wire Debug interface for the connection to the target system
- > Target voltages from 1.8 - 5.0V
- > JTAG clock up to 30MHz
- > Memory access in running state
- > USB connection to PC host
- > No external power supply required (USB powered)
- > Run-control facilities: run / halt, single step / line step, breakpoints and watchpoints
- > Fast program download
- > Supports host connector under system reset
- > Fast FLASH programming for supported Cortex-M3 derivatives with internal FLASH and for external FLASH devices
- > C/C++ high level debugging with HiTOP5 IDE
- > Disassembler supports THUMB2 instructions



Tantino Cortex

Features

- JTAG and Serial Wire Debug interface
- Programming of Flash
- USB driven - no external power supply
- 100 kByte/sec. download-speed
- Attractive compiler bundles

- > Supports all on-chip hardware breakpoints
- > Supports break point setting without real-time violation
- > Supports up to 32 software breakpoints
- > High Level Language (HLL) call stack display (with local variables and call parameters)
- > Display of interpreted Special Function Register (SFR) content
- > Supports all popular ARM compilers
- > Supports most popular RTOS for ARM (option)

The Tantino for Cortex package includes:

- > Tantino for Cortex JTAG debugger
- > CD with windows based HiTOP5 IDE (compatible with all Hitex tools) and electronic user manual
- > JTAG cable and USB cable
- > HiTOP license for ARM
- > Hitex support
- > Cortex GNU C-compiler

Overview	Tantino for Cortex
Download	100 kByte/sec
Connection to target	10 and 20-pin
Special features	JTAG and Serial Wire Debug interface Memory access during running emulation
FLASH programming	yes
USB powered	yes
Host connection	USB full speed

Optional package including Date Trace, Semi Hosting, PC Profiling, Graphical Trace viewer available – additional license required.



Visit us on the internet! www.hitex.com or www.hitex.de

Main Office Germany

Greschbachstraße 12 Tel. +49-721-9628-0
D-76229 Karlsruhe Fax +49-721-9628-149
E-mail sales@hitex.de

Hitex USA

2062 Business Center Tel. 800-45-HI TEX
Drive, Suite 230 Tel. +1-949-863-0320
Irvine, CA 92612 Fax +1-949-863-0331
E-mail info@hitex.com

Hitex UK

Warwick University Tel. +44-2476-692 066
Science Park Fax +44-2476-692 131
GB-Coventry CV4 7EZ E-mail info@hitex.co.uk

This brochure is intended to give overview information only. Since our policy is one of continuing development, changes and technical enhancements are possible. Trademarks of other companies used in the text refer exclusively to the products of these companies. Hitex, HISIM, HITOP, DProbe, JProbe, USB Agent, Tanto and Tantino are trademarks of Hitex Development Tools GmbH. Copyright ©2007.

Embedding Software Quality