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Embedded Software Solutions

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Head office Germany
Phone: +49-2103-2878-0
Fax: +49-2103-2878-28
E-mail: info@segger.com
www.segger.com

US office
Phone: +1-978-874-0299
Fax: +1-978-874-0599
E-mail: info@segger-us.com
www.segger-us.com

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Development Tools J-Trace ARM Overview

J-Trace ARM

Features

- USB-driven JTAG and Trace (38-pin Mictor) interface
- Supports all ARM7 and ARM9 devices
- No power supply required, powered through USB, although external power supply plug is available
- JTAG speed 12 MHz
- Auto speed recognition
- USB-2 full speed (12Mbit/sec)
- Adaptive clock based on RTCK JTAG signal
- All signals can be monitored, target voltage can be measured
- 20-pin standard JTAG connector, 38-pin standard Trace Mictor connector
- USB, 20-pin flat cable and 38-pin trace cable included
- Full integration with the C-SPY Debugger, advanced debugging features available from C-SPY
- Integration into IAR Embedded Workbench for ARM makes setup and use easy
- Supported platforms: Windows 2000 and Windows XP

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Trace features

- Trace supports up to 200 MHz full and 100 MHz half clock rate
- Trace based on ARM ETM (Embedded Trace Macrocell)
- Trace support for devices with built-in trace ports
- 2 Mbyte trace memory buffer
- Compact housing, fits easily on the desk
- Silent, fanless design
- Support for cycle accurate and compressed tracing
- Supports 4 / 8 / 16 bit trace port at both full and half-rate clocking
- Trace window synchronizes to source and disassembly window
- Function trace shows called functions hierarchically

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