STX-PRO/RAIS

Raisonance's unlimited development tool for STM32, STR7 and STR9

Data brief

Features

- In-circuit debugger/programmer with industry standard JTAG-SWD application board interface and USB connection to the host PC.
- Ride7 unlimited version that drives RLink and offers seamless control of software development tools and GNU C/C++ compiler from an intuitive GUI.
- Unlimited in-circuit programming and debugging of ARM Cortex™-M, ARM7TDMI® and ARM9E™ core based 32-bit STMicroelectronics microcontrollers.
- Unlimited, optimizing GNU C/C++ compiler.

Description

The RLink Professional (STX-PRO/RAIS) provides unlimited programming, compiling and real-time debugging of 32-bit STMicroelectronics ARM Cortex™-M, ARM7TDMI® and ARM9E™ core based microcontrollers.

The tool contains everything required to develop STM32 and STR7/9 applications including an in-circuit debugger/programmer, free downloadable Raisonance IDE (Ride7) with GNU C/C++ compiler (available at www.raisonance.com).

The STX-PRO/RAIS does not include trace support for ARM® core-based with embedded Trace Microcell™ such as STR9.

Development tool key features

Raisonance RLink in-circuit debugger/programmer

- USB host PC interface
- Industry standard JTAG-SWD application interface
- RLink also includes a SWIM-ICC connection adapter for in-circuit debugging/programming of 8-bit STM8 and ST7 microcontroller families.

Raisonance integrated development environment (Ride7)

Ride7 drives the RLink in-circuit debugger/programmer.

- Unlimited version
- Seamless control of GNU C/C++ toolset
- High-level language debugger
- SIMICE simulator for STM32, STR7 and STR9
- Color syntax highlighting editor and Project manager
- Ride7 also supports application development and debugging of the 8-bit STM8 and ST7 microcontroller families. Ride7 provides the same seamless integration of compilers and assemblers for these families and supports a range of debugging tools and emulators.

Ordering information

Raisonance development tools can be ordered from your nearest ST Distributor or sales office or from Raisonance (*www.raisonance.com*).

Table 1. Order code

Order code	In-circuit debugger/programmer	Integrated development environment	C/C++ compiler
STX-PRO/RAIS	Unlimited RLink (no trace)	Ride7	GNU C/C++

For more information, documentation and downloads, refer to *www.raisonance.com* or the STMicroelectronics microcontroller support site, *www.st.com*.

Revision history

Table 2. Document revision history

Date	Revision	Changes
27-Jun-2006	1	Initial release.
23-Oct-2008	2	Updated to include STM32, STM8 and SWIM.
07-Dec-2012	3	Updated to feature just STX-PRO/RAIS

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