

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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