



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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

Obsolete Product(s) - Obsolete Product(s)

Please Read Carefully:

Information in this document is provided solely in connection with ST products. STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, modifications or improvements, to this document, and the products and services described herein at any time, without notice.

All ST products are sold pursuant to ST's terms and conditions of sale.

Purchasers are solely responsible for the choice, selection and use of the ST products and services described herein, and ST assumes no liability whatsoever relating to the choice, selection or use of the ST products and services described herein.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted under this document. If any part of this document refers to any third party products or services it shall not be deemed a license grant by ST for the use of such third party products or services, or any intellectual property contained therein or considered as a warranty covering the use in any manner whatsoever of such third party products or services or any intellectual property contained therein.

UNLESS OTHERWISE SET FORTH IN ST'S TERMS AND CONDITIONS OF SALE ST DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY WITH RESPECT TO THE USE AND/OR SALE OF ST PRODUCTS INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE (AND THEIR EQUIVALENTS UNDER THE LAWS OF ANY JURISDICTION), OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.

UNLESS EXPRESSLY APPROVED IN WRITING BY TWO AUTHORIZED ST REPRESENTATIVES, ST PRODUCTS ARE NOT RECOMMENDED, AUTHORIZED OR WARRANTED FOR USE IN MILITARY, AIR CRAFT, SPACE, LIFE SAVING, OR LIFE SUSTAINING APPLICATIONS, NOR IN PRODUCTS OR SYSTEMS WHERE FAILURE OR MALFUNCTION MAY RESULT IN PERSONAL INJURY, DEATH, OR SEVERE PROPERTY OR ENVIRONMENTAL DAMAGE. ST PRODUCTS WHICH ARE NOT SPECIFIED AS "AUTOMOTIVE GRADE" MAY ONLY BE USED IN AUTOMOTIVE APPLICATIONS AT USER'S OWN RISK.

Resale of ST products with provisions different from the statements and/or technical features set forth in this document shall immediately void any warranty granted by ST for the ST product or service described herein and shall not create or extend in any manner whatsoever, any liability of ST.

ST and the ST logo are trademarks or registered trademarks of ST in various countries.

Information in this document supersedes and replaces all information previously supplied.

The ST logo is a registered trademark of STMicroelectronics. All other names are the property of their respective owners.

© 2012 STMicroelectronics - All rights reserved

STMicroelectronics group of companies

Australia - Belgium - Brazil - Canada - China - Czech Republic - Finland - France - Germany - Hong Kong - India - Israel - Italy - Japan - Malaysia - Malta - Morocco - Philippines - Singapore - Spain - Sweden - Switzerland - United Kingdom - United States of America

www.st.com