



RAISONANCE
a KEOLABS brand

Development tools for ARM Cortex M, ARM7, ARM9 core-based MCUs

Accompanying Innovation from Start to Finish

A complete range of solutions facilitate exploration of new microcontroller technologies, creation of software / hardware applications, product validation, production and maintenance.

- /// Extensive manufacturer device support
- **STMicroelectronics - Texas Instruments - NXP**
- /// Ride7 Integrated Development Environment
- /// C/C++ toolchain for ARM core-based MCUs
- /// Robust debugger/programmer
- /// Starter & evaluation kits
- /// **New** Standalone application monitor
- /// **New** standalone programmer



Software solutions

Ride7 development environment seamlessly integrates hardware & 3rd party tools to meet diverse needs:

- /// **NEW** application monitoring interfaces
- /// Editor, manager, debug & programming interfaces
- /// **GCC** C/C++ compiler & optimized ANSI libraries
- /// Script manager, editor
- /// Plugins integrate 3rd party software tools

RLink

Robust solution for debugging and programming in a laboratory or production environment:

- /// JTAG & SWD connections supported
- /// Complete hardware / software development & programming solution
- /// Additional supported protocols SWIM, ICC

Open4

Accompanies users from first exploration to validation, production and maintenance of finished products:

- /// Variety of pertinent evaluation features on a portable platform
- /// Dedicated forums & community
- /// Over 100 sample applications
- /// Supports multiple manufacturers of ARM core-based MCUs
- /// **NEW** standalone application monitoring & programming



RAISONANCE

Complete Hardware / Software Solutions

The Raisonance engineering team masters both hardware and software tool implementation to offer customers complete, integrated development solutions that meet a variety of needs from device evaluation and system prototyping to support and maintenance of deployed products.



Ride7 & RKit-ARM software tools

Ride7 is the software environment common to all Raisonance tool solutions, which support a range of microcontroller core technologies. Ride7 with **RKit-ARM** software provides everything needed to code, compile and debug applications for **ARM Cortex M**, **ARM7TDMI** and **ARM966** core-based MCUs.

The Ride7 solution for ARM integrates:

- /// **GCC C/C++ compiler**, ANSI compliant library optimized for deeply embedded applications
- /// **Project manager** with productivity features:
 - Script manager for task automation
 - Advanced code editor
 - Plugins for 3rd party tools
- /// Seamless transition between editor, compiler, debugger & device programmer
- /// Advanced debug features & interfaces:
 - Application monitoring
 - Execution trace (SWD/SWO)

Standalone application monitoring

Open4 and **EvoPrimer** platforms provide remote application monitoring in standalone operation to facilitate maintenance and support of fielded applications. Capabilities include:

- /// View & graph variable values
- /// Memory dump to view RAM, Flash, peripheral registers
- /// Log & export features



Ideal for field support and diagnostic testing



Integrated hardware solutions

Raisonance software tools for ARM integrate a range of hardware solutions to meet diverse needs from evaluation to prototyping and production:

- /// **RLink** debugger/programmer (JTAG, SWD)
- /// **Open4-LAB** debugger/programmer with standalone application monitoring & standalone programming (SWD)
- /// **Open4-Primer** development & prototyping platform (SWD) with target MCU
- /// **REva** starter kits with integrated RLink (JTAG, SWD) with target MCU

Products & purchasing

All products are available through Raisonance distributors and online shop. Visit www.raisonance.com

- /// **RLink-RKitE-ARM**: RLink with unlimited RKit-ARM Enterprise licence. 749.00 Euros
- /// **Open4-RKitE-ARM**: Open4 with unlimited RKit-ARM Enterprise licence, STM32 target device. 749.00 Euros
- /// **RKitE-ARM**: Unlimited RKit-ARM Enterprise licence. Software only. 649.00 Euros
- /// **RLink-STD**: RLink with limited RKit-ARM Lite licence. Unlimited programming capability. 99.00 Euros
- /// **Open4-LAB***: Open4 with standalone monitoring & programming capability. Includes RKit-ARM Lite licence. 279.00 Euros
- /// **Open4-Primer***: Open4 platform with target MCU and RKit-ARM Lite licence. 154.00 Euros
- /// **REva Starter Kit**: REva platform with target MCU and RKit-ARM Lite licence. 199.00 Euros

* Products also resold under the name **EvoPrimer-LAB** and **EvoPrimer** via STMicroelectronics' sales offices and distributors.

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