

RZ Ecosystem Partner Solution IAR Embedded Workbench



Solution Summary

IAR Embedded Workbench is a complete development toolchain providing powerful code optimizations and comprehensive debugging features in an easy-to-use integrated development environment. Full support for the [Renesas RZ/A Series](#).

Features/Benefits

- Complete C/C++ compiler and debugger toolchain
- Outstanding performance through sophisticated optimization technology
- Comprehensive debugger
- User-friendly features and broad ecosystem integration
- Integrated static and runtime code analysis
- Global support services and training
- Functional safety certification: IEC 61508, ISO 26262, IEC 62304, EN 50128 and EN 50657, IEC 60730, ISO 13849, IEC 62061, IEC 61511 and ISO 25119

Graphics

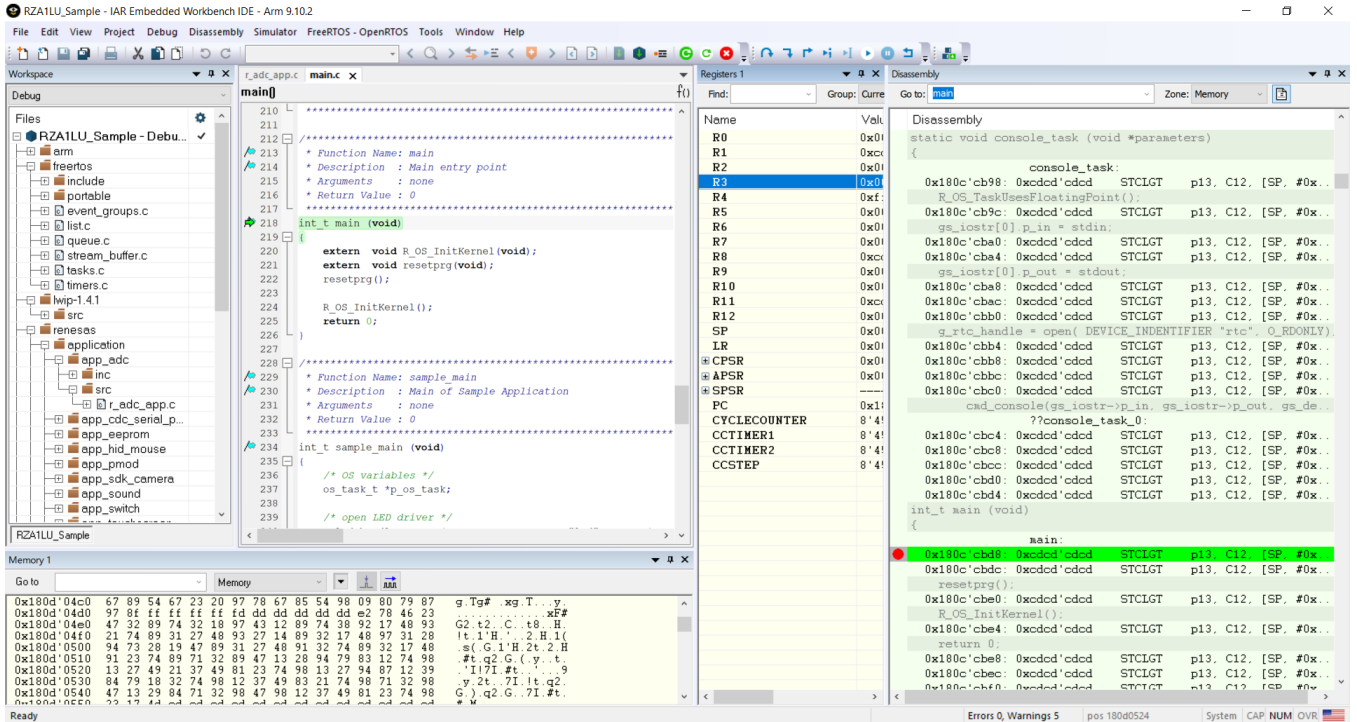


Target Markets and Applications

- Industrial Automation
- Automotive
- Consumer Electronics
- Medical Technology and Wearables
- Smart Metering

More than an ordinary toolbox!

IAR Embedded Workbench is the number one development toolchain – a robust, flexible and complete platform with powerful functionality just a tick box away. The toolchain offers integrated code analysis tools and is certified by TÜV SÜD for Functional Safety development. IAR Systems also provides extensive technical support and training options.



Extended possibilities with automated builds on Linux

Our well-known build tools in IAR Embedded Workbench have support for Linux. Supporting implementation in Linux-based frameworks for automated application build and test processes, the tools enable large-scale deployments of critical software building and testing.

The future-proof supplier of software tools and services for embedded development

IAR Systems and Renesas have had a strong partnership since the 1980's. With more than 4,000 supported Renesas devices, IAR Embedded Workbench supplies exceptional design flexibility for embedded developers working with the extensive Renesas product portfolio. The tools deliver outstanding performance and let customers migrate easily between different architectures, choosing the one best suited for a specific application while using the same development tools, and with the ability to reuse code.