Renesas Ready Ecosystem Partner Solution
SEGGER Flashers

Solution Summary

SEGGER Flashers are a professional line of in-circuit programmers (ICP) designed for use in service environments, prototype programming, and mass production. They are capable of programming non-volatile memory in microcontrollers, Systems-on-Chip (SoCs), and external SPI-style flash memory, The programming interface can support both serial and parallel data transfer over multiple I/O pins. The tools support all Renesas's core devices including Renesas's RA, RX, RL78 and RH850 MCUs, and RZ MPUs and RISC-V MCUs/MPUs.

Features/Benefits

- High throughput: turbot mode enables programming speeds close to the theoretical maximum
- High yield rates: reliable production programming, multi-level verification, and proven algorithms
- Solutions for single-unit, secure, and gang programming

Diagrams/Graphics

Target Markets and Applications

- Automotive
- Energy-saving IoT appliance
- Healthcare
- Home appliance
- Industrial controls
- Smart come

www.segger.com/program-microcontrollers/

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At SEGGER, we provide a comprehensive suite of tools and software solutions for every stage of creating embedded systems. Our portfolio is organized into five categories perfectly aligning with the workflow of the development process.

Create—Laying the groundwork

Every project requires a solid foundation. SEGGER's efficient software libraries are used to create the application and serve as the building blocks for composing code.

Build—Turning ideas into reality

Once the application code is created, it must be transformed into machine-executable instructions. SEGGER's Embedded Studio, a complete IDE with a flexible toolchain, optimizes speed and resource usage, often lowering project costs.

Debug—Perfecting the application

The debugging process ensures applications are ready for final development steps. SEGGER's market-leading debug and trace probes provide accurate insights, helping optimize the application during test runs.

Verify—Ensuring quality and reliability

No project is complete without thorough verification. SystemView reveals the true runtime behavior of an application, helping developers in ensuring systems perform as intended with powerful profiling and analysis tools.

Program—Delivering the final product

During verification, programming is used to transfer the application to the target hardware and to test it. Once the application is finalized, it is deployed to the intended hardware. Together, the application and hardware become the final product.

Contact us: www.segger.com