

No board or tool is required! Evaluation is possible with only an online PC.

Web Simulator

<https://www.renesas.com/websimulator-en>

MCU Simulator Online

MCU Simulator Online is available for online PC use free of charge. A sample project is pre-imported so you can start initial evaluation immediately. MCU Simulator Online provides functions useful for initial evaluation, including a virtual board, editor, debugger, and consumption current measurement function. This tool can reduce the time and cost for initial evaluation and is also recommended for modern-day international teleworkers.

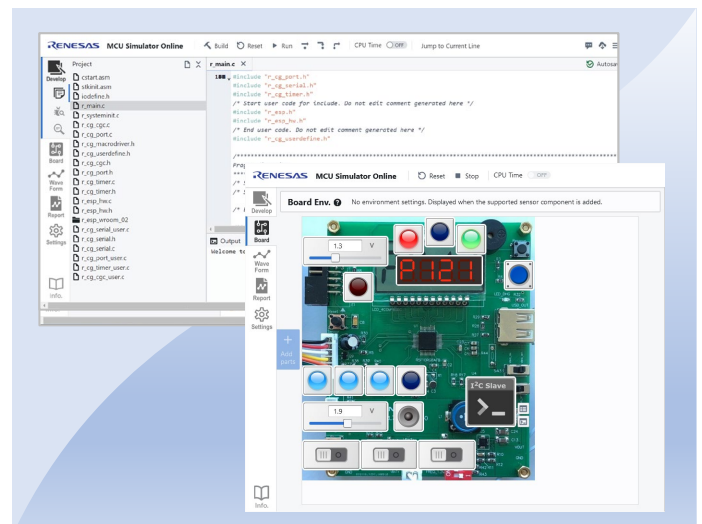
- ✓ **No installation required!**
A development environment can be built free of charge.
- ✓ **Program operation can be verified with a virtual board in a visual manner.**
- ✓ **Created programs can also be used with an actual board.**

» Try it mcu-simulator.renesas.com/?locale=en

Supported MCUs

RA Family RL78 Family

For details about supported microcontrollers, see the following:
www.renesas.com/websimulator-products-en



Current Consumption Calculator

You can immediately calculate power supply current that includes MCU peripheral functions simply by setting the peripheral functions of a low power RL78 product in this tool. You can investigate whether current is successfully suppressed to the target value, and whether it can be further reduced by changing the conditions.

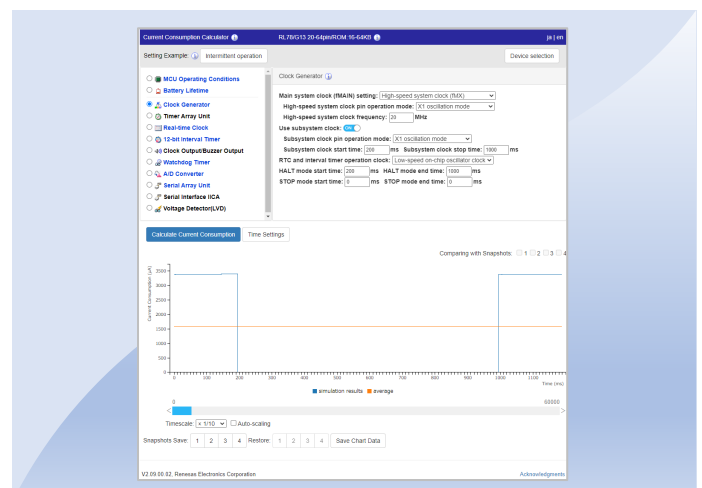
- ✓ **No program coding required!**
Conditions can be set easily on a web page.
- ✓ **Instant check for battery life**
- ✓ **Applicable to a wide range of products, from RL78 Family general-purpose products to BLE/LCD**

» Try it www.renesas.com/current-consumption-en

Supported MCUs

RL78 Family

For details about supported microcontrollers, see the following:
www.renesas.com/websimulator-products-en



Video

www.renesas.com/video/mcu-simulator-online-introduction
www.renesas.com/video/rl78-current-consumption-calculator

FAQ

en-support.renesas.com/knowledgeBase



Community

community.renesas.com

renesas.com

Renesas Electronics Corporation | Toyosu foresia 3-2-24, Toyosu, Koto-ku, Tokyo. 135-0061, Japan | www.renesas.com

Trademarks

Renesas and Renesas logo are trademarks of Renesas Electronics Corporation. All trademark and registered trademark are the property of their respective owners.

Contact information

For further information on a product technology, to most up-to-date version of a document, or your nearest office, please visit www.renesas.com/contact/