

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.

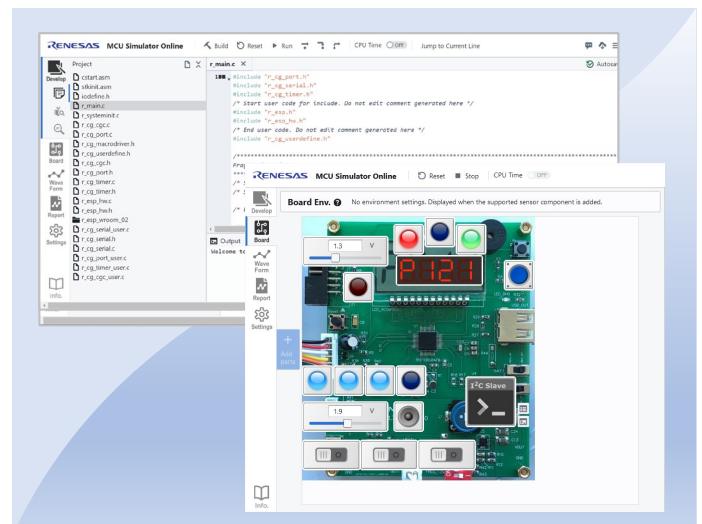
- ✔ No installation required!  
A development environment can be built free of charge.
- ✔ Program operation can be verified with a virtual board in a visual manner.
- ✔ Created programs can also be used with an actual board.

Try it [mcu-simulator.renesas.com/?locale=en](https://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](https://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.

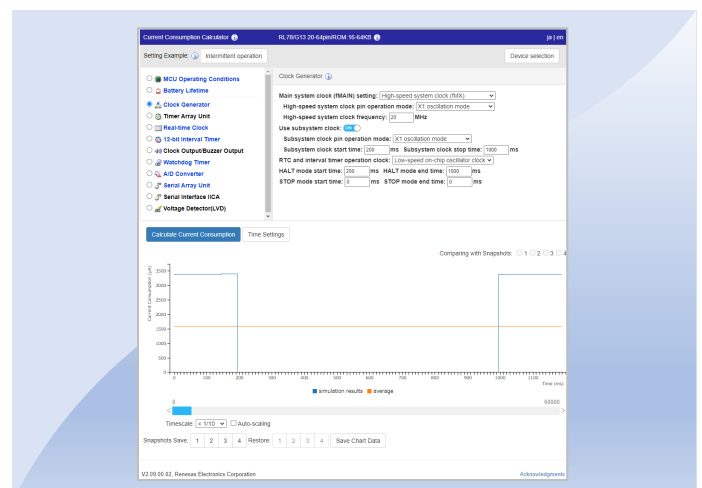
- ✔ No program coding required!  
Conditions can be set easily on a web page.
- ✔ Instant check for battery life
- ✔ Applicable to a wide range of products, from RL78 Family general-purpose products to BLE/LCD

Try it [www.renesas.com/current-consumption-en](https://www.renesas.com/current-consumption-en)

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## Video

[www.renesas.com/video/mcu-simulator-online-introduction](https://www.renesas.com/video/mcu-simulator-online-introduction)  
[www.renesas.com/video/rl78-current-consumption-calculator](https://www.renesas.com/video/rl78-current-consumption-calculator)

FAQ [en-support.renesas.com/knowledgeBase](https://en-support.renesas.com/knowledgeBase)

Community [community.renesas.com](https://community.renesas.com)

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### Contact information

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