

[Upgrade to Revision]

R20TS1098EJ0100

Rev.1.00

CS+ for CC Integrated Development Environment V8.13.00

Jan. 20, 2025

## Outline

The CS+ for CC integrated development environment has been updated from V8.12.00 to V8.13.00.

### 1. Products to be Updated

- CubeSuite+ Common Program:  
V1.00.00 to V1.03.00, V2.00.00 to V2.02.00
- CS+ Common Program:  
V3.00.00 to V8.12.00

For how to check the version number, refer to the link at [https://www.renesas.com/cs+\\_ver](https://www.renesas.com/cs+_ver).

### 2. CS+ for CC: Improved Functionality and Changes

The common programs of CS+ for CC (for RX, RL78, and RH850 families) have been updated from V8.12.00 to V8.13.00.

Sections 2.1 and 2.2 describe the points that have been updated.

For details, see the CS+ for CC V8.13.00 release note at the link below. (It will be published on January 20.)

[https://www.renesas.com/cs+\\_document](https://www.renesas.com/cs+_document)

#### 2.1 Enhanced Support for Compilers

The following compilers are now supported.

- C/C++ Compiler Package for RX Family CC-RX V3.07.00
- C Compiler Package for RL78 Family CC-RL V1.15.00
- C Compiler Package for RH850 Family CC-RH V2.07.00

For details of updates and points for caution on the compiler, refer to the release note for the compiler.

CC-RX: [https://www.renesas.com/rx\\_c](https://www.renesas.com/rx_c)

CC-RL: [https://www.renesas.com/rl78\\_c](https://www.renesas.com/rl78_c)

CC-RH: [https://www.renesas.com/rh850\\_c](https://www.renesas.com/rh850_c)

- Version 2024.1.4 of the RH850 compiler from GHS

## 2.2 Additions and improvements to features

The main added and improved features are described below.

- Improvement to the operation in conversion from a CubeSuite project  
The problem of the E020001 error message being output when a project file (\*.cspj) for CubeSuite was opened and [No] was selected in response to the Q0268001 message (“Open the CubeSuite project without changing the settings?”) has now been corrected.
- Improvement to the operation when changing the microcontroller  
When you have selected the same microcontroller in the Change Microcontroller dialog box as that used in the current project, the [OK] button is disabled.  
This improvement helps you avoid incorrectly selecting the same microcontroller when the microcontroller is to be changed.
- Improvement to the function for updating I/O header files [RL78][RH850]  
You can simultaneously update the I/O header files for multiple projects.  
This improvement enables the simultaneous updating of multiple projects.
- Addition of the [Save ID code] property [RX]  
The [Save ID code] property has been added.  
This improvement enables saving the ID code in CS+.

Other added and improved features are described below. For details, refer to the release note.

- Improvement to the dialog box for editing the [Rule check exclusion file] property [RX]
- Improvement to the performance of the debugging function for the flexible application accelerator (FAA) [RL78]
- Addition of types of components supported on the [Virtual Board] panel [RL78]
- Addition of the [Search for global variables even outside the current scope] property
- Addition of functions for use in external communications with the Python 3 execution environment

## 3. Device Information

Device information has been updated.

For details, refer to the link below. (It will be published on January 20.)

RX: [https://www.renesas.com/cs+/eng/CSPlus\\_DevInfo\\_RX.html](https://www.renesas.com/cs+/eng/CSPlus_DevInfo_RX.html)

RL78: [https://www.renesas.com/cs+/eng/CSPlus\\_DevInfo\\_RL78.html](https://www.renesas.com/cs+/eng/CSPlus_DevInfo_RL78.html)

RH850: [https://www.renesas.com/cs+/eng/CSPlus\\_DevInfo\\_RH850.html](https://www.renesas.com/cs+/eng/CSPlus_DevInfo_RH850.html)

## 4. Updating the Product

CS+ can be updated online free of charge.

For details, refer to the link below.

<https://www.renesas.com/how-update-cs>

### 5. Free Evaluation Edition of the Compiler

The compiler included in this product is the free evaluation edition.

Before purchasing a compiler license, you can try its functions and performance with the free evaluation edition.

You can convert the free evaluation edition to the commercial edition by entering a license for CubeSuite, CubeSuite+, or a compiler package.

### 6. Purchasing the Compiler License

If you use the CS+ IDE for developing products, a compiler package is required. Purchase the one that suits the intended purpose.

For purchasing a product and product pricing, contact your local Renesas Electronics sales office or distributor.

CS+ for CC supports the following packages.

- C Compiler Package for RH850 Family Professional Edition
- C Compiler Package for RH850 Family Standard Edition
- C/C++ Compiler Package for RX Family Professional Edition
- C/C++ Compiler Package for RX Family Standard Edition
- C Compiler Package for RL78 Family Professional Edition\*
- C Compiler Package for RL78 Family Standard Edition\*

For details of the packages, refer to the following links:

- C Compiler Package for RH850 Family: [https://www.renesas.com/rh850\\_c](https://www.renesas.com/rh850_c)
- C/C++ Compiler Package for RX Family: [https://www.renesas.com/rx\\_c](https://www.renesas.com/rx_c)
- C Compiler Package for RL78 Family: [https://www.renesas.com/rl78\\_c](https://www.renesas.com/rl78_c)

For the compiler licenses, refer to the link below.

[https://www.renesas.com/compiler\\_licenses](https://www.renesas.com/compiler_licenses)

Note: The license for the evaluation edition of the C compiler package for RL78 family is usable for commercial purposes (although certain limitations apply to the evaluation edition).

For details, refer to the Web page for the compiler licenses.

**Revision History**

| Rev. | Date      | Description |                      |
|------|-----------|-------------|----------------------|
|      |           | Page        | Summary              |
| 1.00 | Jan.20.25 | -           | First edition issued |
|      |           |             |                      |

Renesas Electronics has used reasonable care in preparing the information included in this document, but Renesas Electronics does not warrant that such information is error free. Renesas Electronics assumes no liability whatsoever for any damages incurred by you resulting from errors in or omissions from the information included herein.

The past news contents have been based on information at the time of publication. Now changed or invalid information may be included.

The URLs in the Tool News also may be subject to change or become invalid without prior notice.

**Corporate Headquarters**

TOYOSU FORESIA, 3-2-24 Toyosu,  
Koto-ku, Tokyo 135-0061, Japan  
[www.renesas.com](http://www.renesas.com)

**Contact Information**

For further information on a product, technology, the most up-to-date version of a document, or your nearest sales office, please visit:  
[www.renesas.com/contact/](http://www.renesas.com/contact/)

**Trademarks**

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