
[Upgrade to Revision] e² studio Smart Configurator Plug-in 2026-04.1, Smart Configurator for RX V2.29.0

R20TS1231EJ0100
Rev.1.00
Apr.20, 2026

Outline

The products listed in the title have been updated as follows.

- (1) e² studio RX Smart Configurator Plug-in: From 2025-12 to 2026-04.1 (It will be available on May 20.)
- (2) Smart Configurator for RX: From V2.28.0 to V2.29.0

1. Products to Be Updated

- e² studio 2025-12 (RX Smart Configurator Plug-in 2025-12) and earlier
- Smart Configurator for RX V2.28.0 and earlier

2. Description

The main changes are as follows. For details, refer to the Release Note.

<https://www.renesas.com/software-tool/rx-smart-configurator#documents>

Smart Configurator for RX V2.29.0 Release Note

2.1 Addition of Supported Devices

Starting with RX Smart Configurator V2.29.0, the following device is supported.

- RX14T Group

2.2 Issue Fixed

The following issue has been fixed.

- Issue with Generated Code for the Group Scan Mode S12AD Component

(Applicable devices: RX230, RX231, RX23W)

An issue has been fixed in which incorrect macros were generated when using the Group Scan Mode S12AD component with the following settings. With this update, the related macros are now generated correctly.

- VREFH0 of “High-Potential reference voltage setting”
- VREFL0 of “Low-Potential reference voltage setting”
- Voltage of reference power supply or $\times 1/2$ of “Voltage used”

```
Old code (e.g. VREFH0 and Voltage of reference power supply):  
S12AD.ADHVREFCNT.BYTE |= (_00_AD_HIGH_POTENTIAL_AVCC0 | ...);  
S12AD.ADCER.WORD = ... | _0100_AD_SELFTDIAGST_0V | ...;
```

```
New code:  
S12AD.ADHVREFCNT.BYTE |= (_01_AD_HIGH_POTENTIAL_VREFH0 | ...);  
S12AD.ADCER.WORD = ... | _0100_AD_SELFTDIAGST_VREFH0 | ...;
```

3. Updating the Product

3.1 Using Smart Configurator on e² studio

By updating e² studio, the Smart Configurator is also updated.

For details on how to update e² studio, refer to “3. How to Update” in the following Tool News.

<https://www.renesas.com/software-tool/e-studio#documents>

[Upgrade to Version] e² studio Integrated Development Environment 2026-04.1

3.2 Using standalone version of Smart Configurator with CS+

(1) Download and install the latest Smart Configurator for RX from following URL.

<https://www.renesas.com/rx-smart-configurator#downloads>

Smart Configurator for RX V2.29.0

(2) From the Windows Start menu, select Programs > Renesas Electronics CS+, and then run the Update Manager.

Note: If you started CS+ with the Rapid Startup function enabled, exit CS+, and then start the Update Manager.

If the Rapid Startup function is enabled and the CS+ icon is shown in the Windows notification area, the following error occurs.

M0120001

"CubeSuiteW+.exe"

Installation is suspended because "CubeSuiteW+.exe" is running.

It will be resumed next time you start the tool.

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Apr.20.26	-	First edition issued

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