

[Upgrade to Revision]

R20TS1209EJ0100

Rev.1.00

Jan. 20, 2026

e² studio RX Smart Configurator Plug-in 2025-12, Smart Configurator for RX V2.28.0

Outline

The products in the title have been updated as follows.

- (1) e² studio RX Smart Configurator Plug-in: From 2025-10 to 2025-12
- (2) Smart Configurator for RX: From V2.27.0 to V2.28.0

1. Products to Be Updated

- e² studio 2025-10 (RX Smart Configurator Plug-in 2025-10) and earlier
- Smart Configurator for RX V2.27.0 and earlier

2. Description

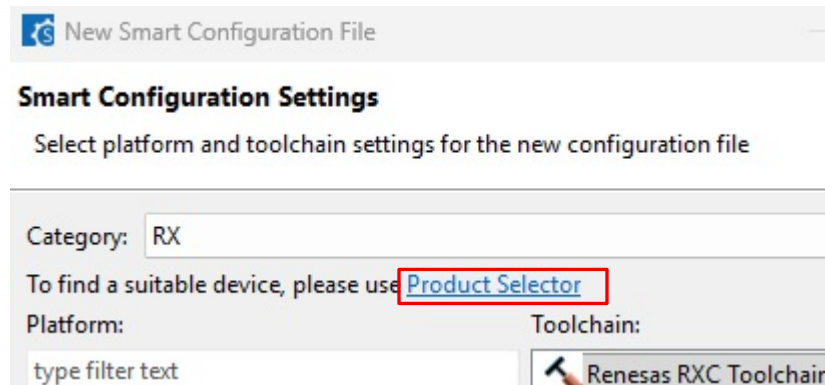
The main changes are as follows. Refer to the release note for details.

Smart Configurator for RX V2.28.0 Release Note.

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

2.1 New features

- When creating a new project with Smart Configurator standalone there is a link to go to the Product Selector web page quickly.



2.2 Issues Fixed

The following issues have been fixed.

- Fixed an error in the macro definition for the port component in the RX260 100-pin package.
- Fixed the macro for the voltage detection circuit component was incorrectly defined.
- GUI and code generation of S12AD components are updated to synchronize with the latest hardware user's manual.
- The generated code of R_Config_CMPCn_Start() function for stabilization time of Comparator component is updated to synchronize with the latest hardware user's manual.

- Code generation of R_Config_PORT_Create() function with PMR register setting is updated to support the case that same port but different pin is set before ports initialization.
- The code generation for the RX140's comparator and D/A converter components is updated to set PCR register for analog pins.
- Backup setting at Preferences is disable by default ("trash" folder is not generated) to reduce the project size and project scanning time.
- "FreeRTOS (with IoT libraries)(deprecated structure)" is removed from RTOS selection of the project generation wizard of e² studio.
- The freertos_object_init.h file is newly generated to include "extern" of FreeRTOS object handlers.

3. Updating the Product

3.1 Using Smart Configurator on e² studio

By updating e² studio, you can also update the Smart Configurator.

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

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

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Note: The Smart Configurator is updated automatically when e² studio is updated.

3.2 Using standalone version of Smart Configurator with CS+

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

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

Smart Configurator for RX V2.28.0

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

Note: If you have 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	Jan. 20.26	-	First edition issued

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