[Upgrade to Revision]

e² studio RX Smart Configurator Plug-in 2025-01,

Smart Configurator for RX V2.24.0

## Outline

The products in the title have been updated as follows.

(1) e² studio RX Smart Configurator Plug-in: From 2024-10 to 2025-01

(2) Smart Configurator for RX: From V2.23.0 to V2.24.0

## 1.  Products to Be Updated

➢   e² studio 2024-10 (RX Smart Configurator Plug-in 2024-10) and earlier

➢   Smart Configurator for RX V2.23.0 and earlier

## 2.  Description

### 2.1  New features

- Using Visual Studio Code with VS Code Debug Extension for Renesas GDB v25.2.1 or later, projects generated with the Smart Configurator can be easily built on VS Code using Ninja.
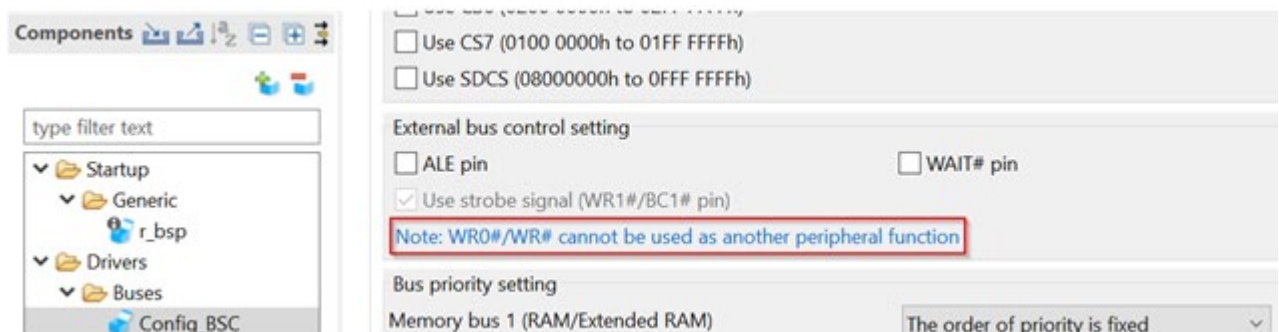


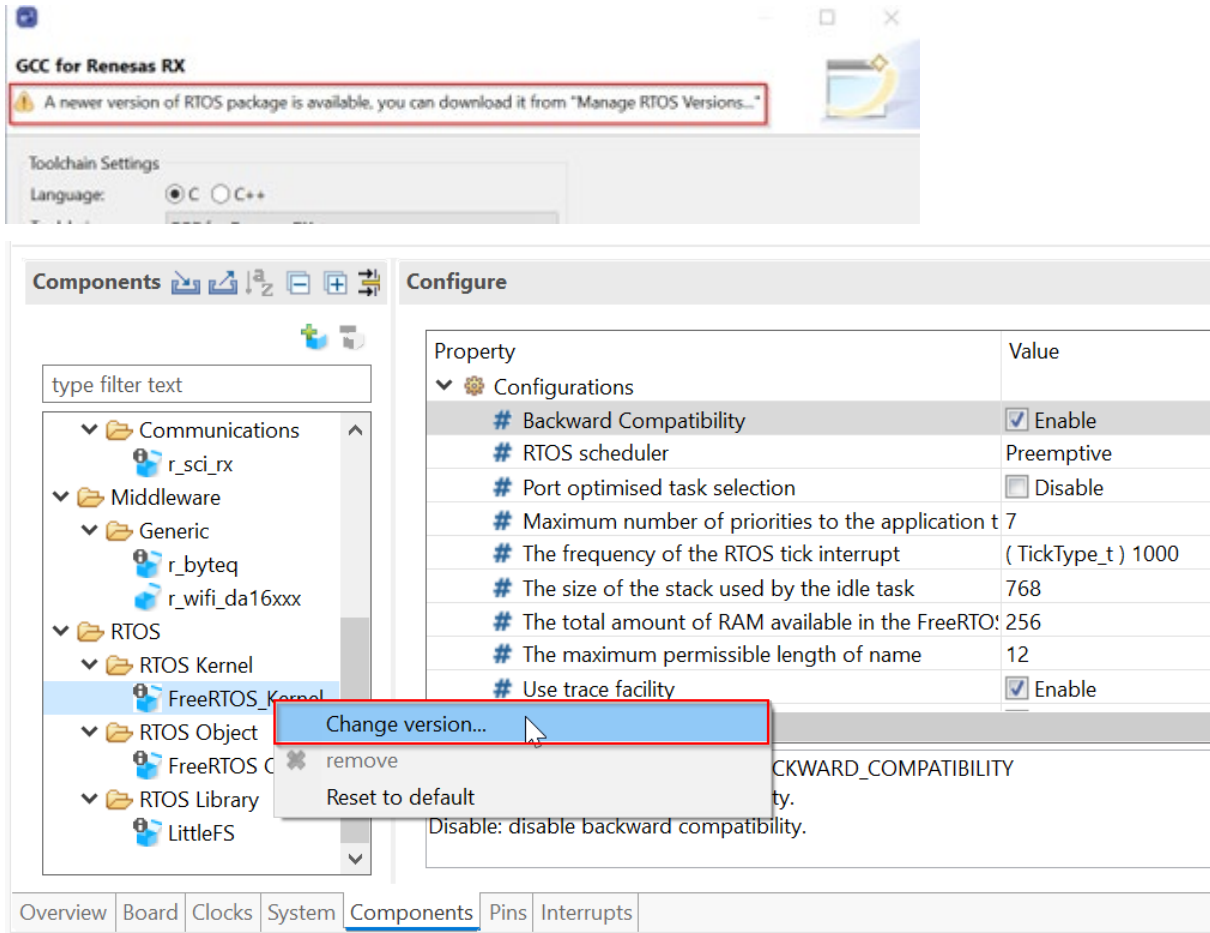Please also refer to the following contents.

Renesas VS Code Extensions User Guide

Visual Studio Code - How to Install Renesas Extensions

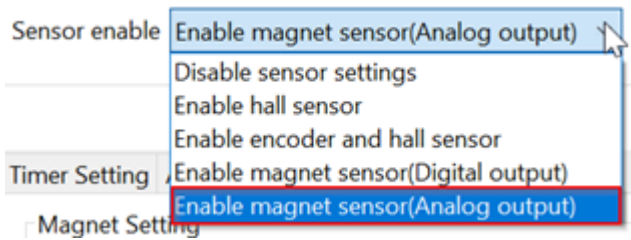Visual Studio Code - How to Create, Build, and Debug a Smart Configurator Project for RX

- When using the bus component, there is a warning message for WR# pin. Applicable devices: all RX600, RX700 devices, and RX230, RX231
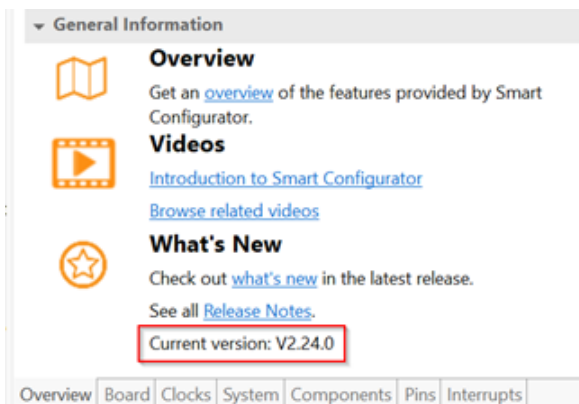
RENESAS

- From this version, the FreeRTOS package update information is displayed. In addition, the FreeRTOS version can be selected.
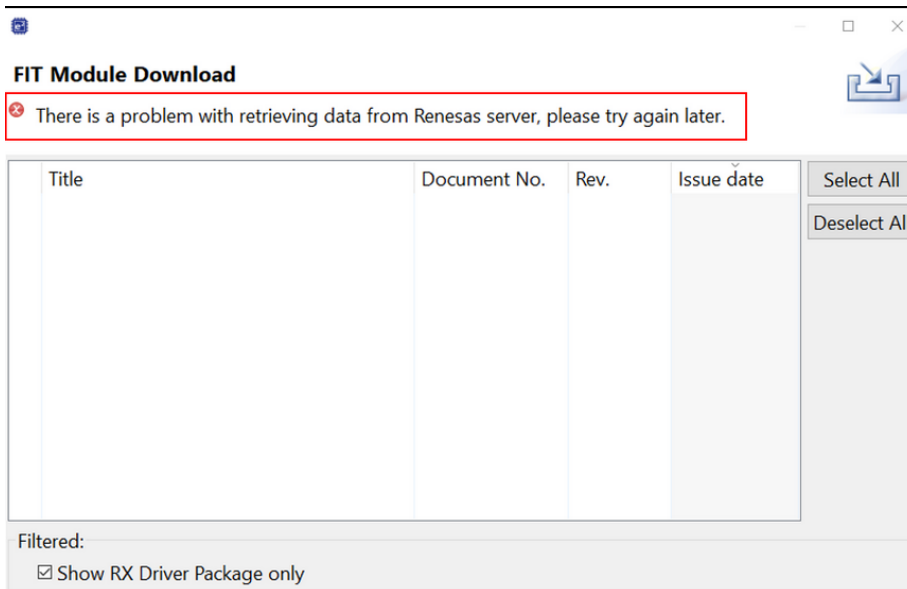


- Added magnet sensor (analog output) setting to the RX24T motor component.
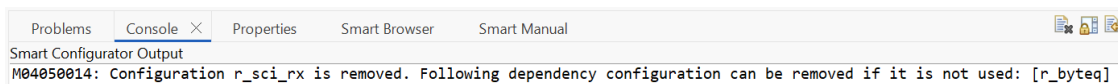


- Smart Configurator versions are displayed in the "Overview" tab.

- If there is a problem downloading from the Renesas server, a warning message appears in the dialog



- A message is displayed in the console view when a dependent component is deleted.



- The Motor component extends magnet sensor with digital output support for other devices.

Applicable devices: RX13T, RX23T, RX24T, RX24U, RX66T, RX72M, RX72T

## 2.2 Issues Fixed

The following issues have been fixed.

- Fixed a problem with the key code setting of the General PWM Timer.

- Fixed problems with RSCI smart card interface mode.

- Fixed a problem that caused the RCR4.RCKSEL bit to be set twice when the real-time clock (RTC) component was combined with the BSP.

- Fixed a problem of displaying the RIIC interrupt priority in error on RX microcontrollers that do not have group interrupts.

Please refer to the following release notes for details on new features and modifications.

➢ Smart Configurator for RX V2.24.0 Release Note (the note will be uploaded on January 20)

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

## 3.  Updating the Product

### 3.1  Using e$^2$ studio

By updating e$^2$ studio, you can also update the Smart Configurator.

For details on how to update e$^2$ studio, please refer to "3. How to Update" in the following Tool News. ( the news will be uploaded on January 20)

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

RENESAS TOOL NEWS: R20TS1089EJ0100 (January 20, 2025, issue)

[Upgrade to Version] e$^2$ studio Integrated Development Environment 2025-01

Note: The Smart Configurator is updated automatically when e$^2$ studio is updated.


### 3.2  Using CS+

(1)  Download the latest Smart Configurator for RX from the URL below and install it (V2.24.0 will be released on January 20).

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

Smart Configurator for RX V2.24.0


(2)  On the Windows Start menu, select Programs, Renesas Electronics CS+, and then run the Update Manager (this service will be available from January 20).


**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.**

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

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## Contact information

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