

[Upgrade to Revision]

R20TS1151EJ0100

Rev.1.00

Jul. 20, 2025

e² studio RL78 Smart Configurator Plug-in 2025-07, Smart Configurator for RL78 V1.14.0

Outline

The products in the title have been updated as follows.

- (1) e² studio RL78 Smart Configurator Plug-in: From 2025-04.1 to 2025-07
- (2) Smart Configurator for RL78: From V1.13.0 to V1.14.0

1. Products to Be Updated

- e² studio 2025-04.1 (RL78 Smart Configurator Plug-in 2025-04) and earlier
- Smart Configurator for RL78 V1.13.0 and earlier

2. Description

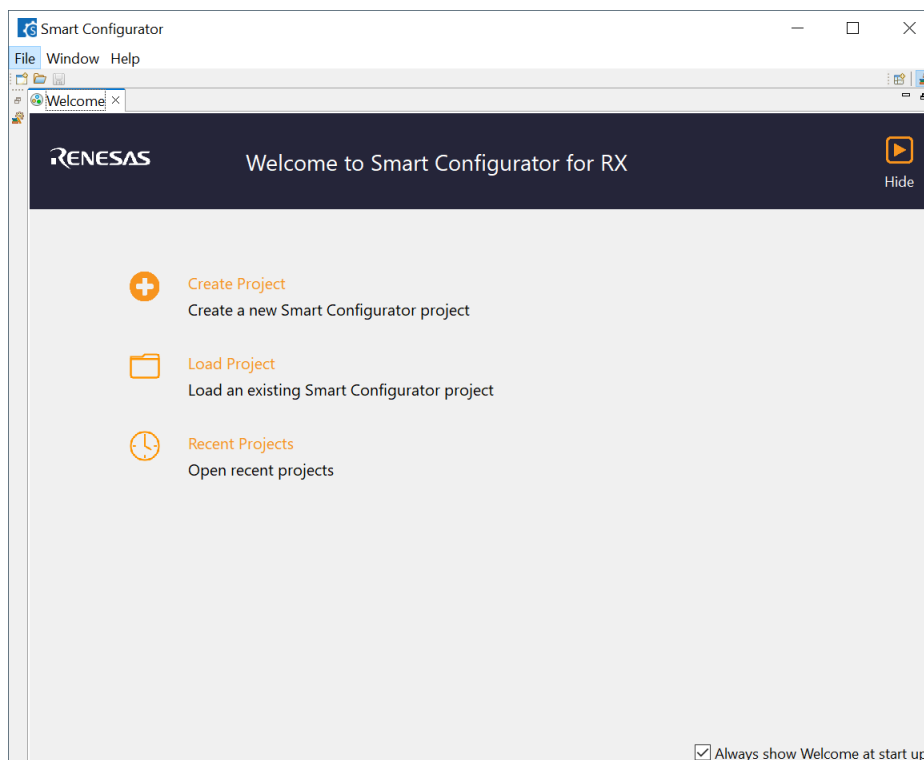
The main changes are as follows. Refer to the release note for details.

Smart Configurator for RL78 V1.14.0 Release Note (the note will be uploaded on July 22)

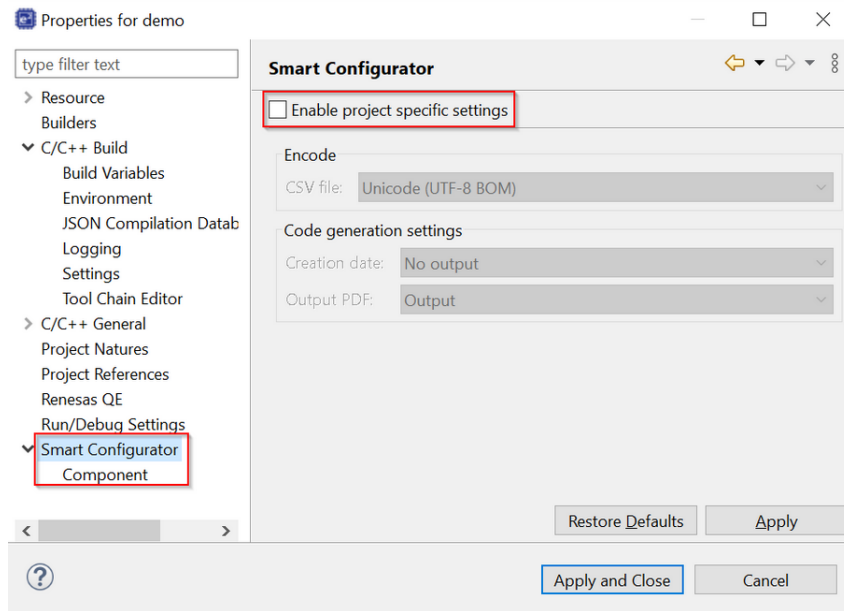
<https://www.renesas.com/software-tool/rl78-smart-configurator#documents>

2.1 New features

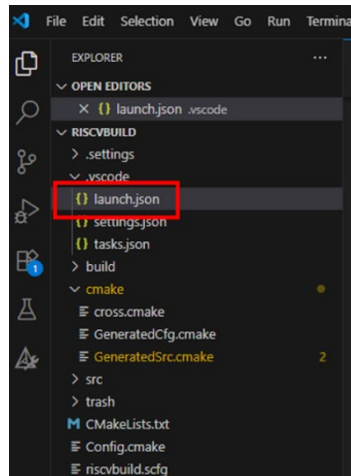
- When you launch the standalone version of Smart Configurator, the Welcome page appears, allowing you to easily use the basic functions and making it easier to understand the operations required at startup. The Welcome page can be opened from Help > Welcome menu also.



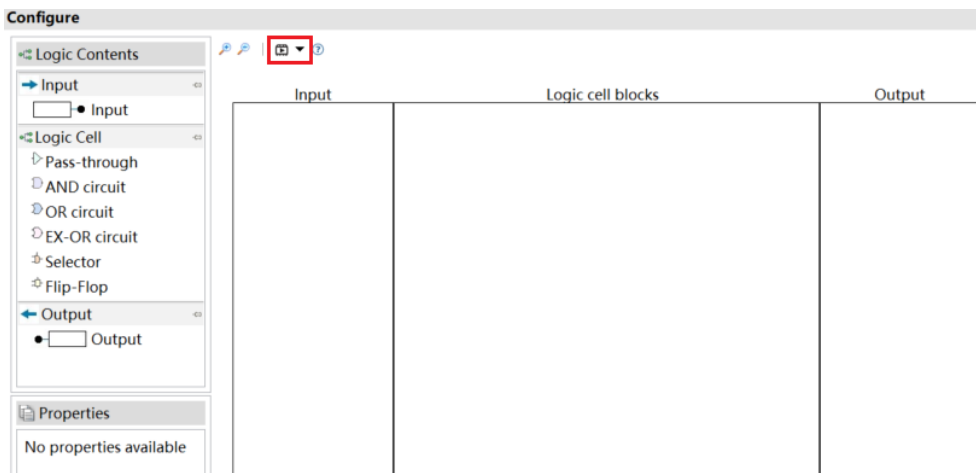
- Users can set Smart Configurator preferences of each project separately, not common preferences of e² studio.



- When creating Smart Configurator project in Visual Studio Code and generating code, configuration file "launch.json" will be generated by Smart Configurator automatically. Therefore, users don't need to create it manually for debugging anymore.



- From Smart Configurator for RL78 V1.14.0, users can open web page to see video about introduction to ELCL features.



2.2 Issues Fixed

The following issues have been fixed.

- Fixed the issue of LCD frame frequency calculation error which calculate based on time slices, not bias.
- Fixed the issue when a CC-RL project generated by Visual Studio is built then the definition of "RAMSAR" cannot be found.
- Fixed the issue of not correcting the errors in the User's Manual.

There are some errors in RL78/F23 and RL78/F24 User's Manual (R01UH0944EJ0100). It is corrected these errors from Smart Configurator for RL78 V1.14.0 according to [TN-RL*-A0139A/E](#). The modified peripheral functions are RTC, LIN/UART module, TAU, Timer RJ, SAU.

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. (the news will be uploaded on July 22)

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

RENESAS TOOL NEWS: R20TS1143EJ0100 (July 20, 2025, issue)

[Upgrade to Version] e² studio Integrated Development Environment 2025-07

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 RL78 from the URL below and install it (V1.14.0 will be released on July 22).

<https://www.renesas.com/rl78-smart-configurator#downloads>

Smart Configurator for RL78 V1.14.0

(2) On the Windows Start menu, select Programs, Renesas Electronics CS+, and then run the Update Manager (this service will be available from July 22).

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	Jul. 20.25	-	First edition issued

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