

[Upgrade to Revision]
e² studio RL78 Smart Configurator Plug-in 2025-04,
Smart Configurator for RL78 V1.13.0

R20TS1123EJ0100
Rev.1.00
Apr. 20, 2025

Outline

- The products in the title have been updated as follows.
- (1) e² studio RL78 Smart Configurator Plug-in: From 2025-01 to 2025-04
 - (2) Smart Configurator for RL78: From V1.12.0 to V1.13.0

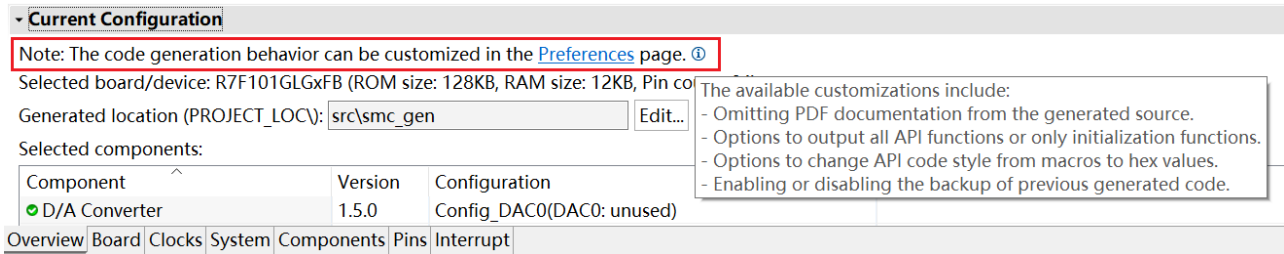
1. Products to Be Updated

- e² studio 2025-01 (RL78 Smart Configurator Plug-in 2025-01) and earlier
- Smart Configurator for RL78 V1.12.0 and earlier

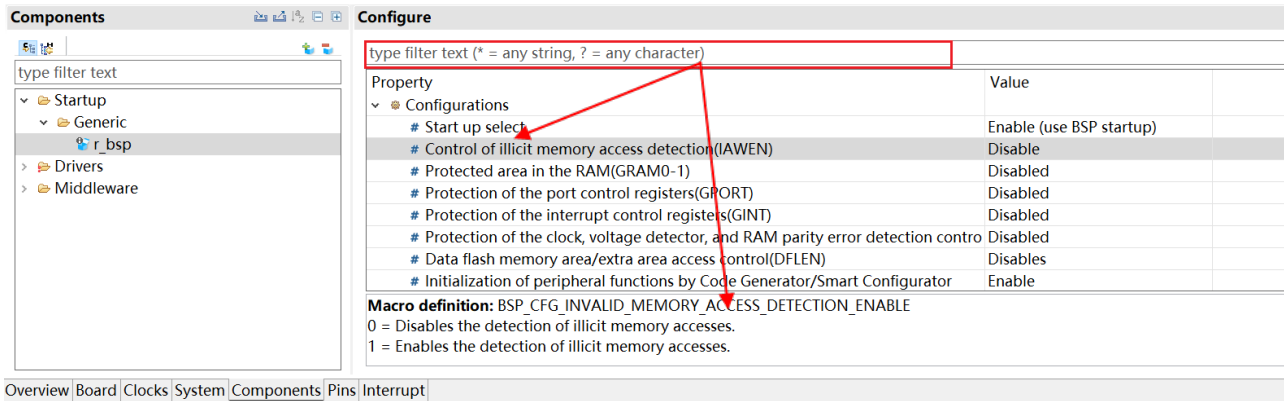
2. Description

2.1 New features

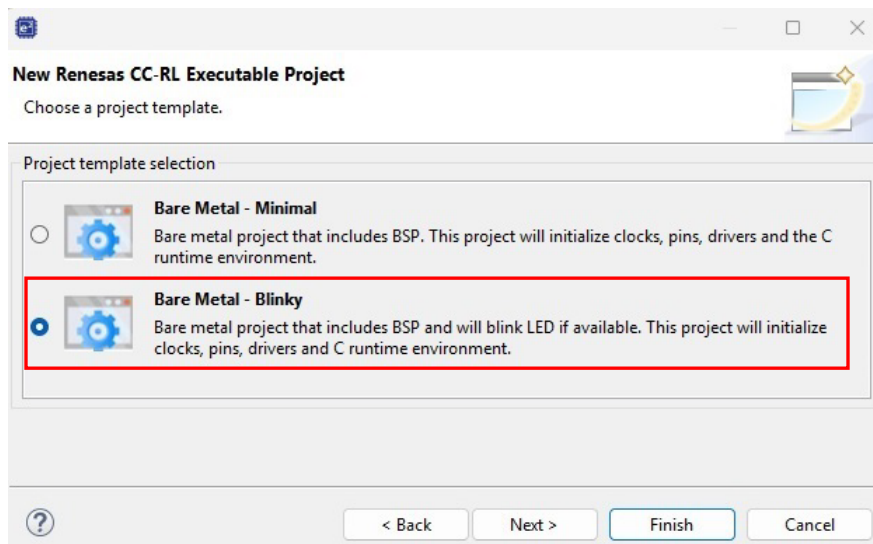
- A link is now displayed on the “Overview” tab for quick navigation to preferences.



- A search text box is added at property grid configuration to help users quickly find a configuration name or macro name.



- Changed the Blinky project generated by e² studio to make two LEDs blinking.



2.2 Issues Fixed

The following issues have been fixed.

- Fixed that generated code is incorrect when using P50 and P51 on RL78/G23.
- Fixed the issue of TSPMCx (x = 1,5,6,7) register setting is wrong in API R_Config_PORT_Create () on RL78/F22.
- Fixed a problem that fIMP of RL78/G23 was dependent on Middle-speed on-chip oscillator frequency (fIM). (fIMP needs to be fixed at 4 MHz)



See RL78/G23 User's Manual Hardware, Section 6 Clock Generator Figure 6-1

fIM: Middle-speed on-chip oscillator clock frequency (4 MHz max.)

fIMP: Middle-speed on-chip oscillator peripheral clock frequency (4 MHz)

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

- Smart Configurator for RL78 V1.13.0 Release Note (the note will be uploaded on April 21)

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

3. Updating the Product

3.1 Using 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 April 21)

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

RENESAS TOOL NEWS: R20TS1118EJ0100 (April 20, 2025, issue)

[Upgrade to Version] e² studio Integrated Development Environment 2025-04

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

3.2 Using CS+

- (1) Download the latest Smart Configurator for RL78 from the URL below and install it (V1.13.0 will be released on April 21).

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

Smart Configurator for RL78 V1.13.0

- (2) On the Windows Start menu, select Programs, Renesas Electronics CS+, and then run the Update Manager (this service will be available from April 21).

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 | Apr. 20.25 | - | First edition issued |
| | | | |

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