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[Upgrade to Revision]

R20TS1180EJ0100

Rev.1.00

Oct. 20, 2025

e<sup>2</sup> studio RL78 Smart Configurator Plug-in 2025-10,Smart Configurator for RL78 V1.15.0

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## Outline

The products in the title have been updated as follows.

(1) e<sup>2</sup> studio RL78 Smart Configurator Plug-in: From 2025-07 to 2025-10

(2) Smart Configurator for RL78: From V1.14.0 to V1.15.0

## 1. Products to Be Updated

- e<sup>2</sup> studio 2025-07 (RL78 Smart Configurator Plug-in 2025-07) and earlier
- Smart Configurator for RL78 V1.14.0 and earlier

## 2. Description

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

Smart Configurator for RL78 V1.15.0 Release Note (The note will be uploaded on Oct. 20)

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

### 2.1 New Features

- Support Added RL78/ L23-128K
- Support resource assignment automatically feature for ELCL Flexible Circuit

### 2.2 Issue Fixed

The following issues have been fixed.

- When selecting LLVM project for the RL78/L23, the interrupt name in generated driver code is not same as User's Manual(R01UH1082EJ0100).

In the files `r_cg_interrupt_handlers.h`, `inhandler.c`, and `r_cg_vect_table.c` generated by the Smart Configurator, the TMKB interrupt names have been changed from `INT_TKBn` to `INT_TMKBn` ( $n = 0-2$ ).

## 3. Updating the Product

### 3.1 Using Smart Configurator on e<sup>2</sup> studio

By updating e<sup>2</sup> studio, you can also update the Smart Configurator.

For details on how to update e<sup>2</sup> studio, please refer to "3. How to Update" in the following Tool News. (The news will be uploaded on Oct. 20)

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

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Note: The Smart Configurator is updated automatically when e<sup>2</sup> 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 (V1.15.0 will be released on Oct. 20).

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

Smart Configurator for RL78 V1.15.0

- (2) On the Windows Start menu, select Programs, Renesas Electronics CS+, and then run the Update Manager (this service will be available from Oct. 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	Description	
		Page	Summary
1.00	Oct. 20.25	-	First edition issued

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