

[Upgrade to revision]

R20TS0267EJ0100

Rev.1.00

Jan. 16, 2018

---

**e<sup>2</sup> studio Integrated Development Environment V6.2.0**

---

**Outline**

We will be revising the e<sup>2</sup> studio integrated development environment from V6.1.0 to V6.2.0. The E2 emulator and the function of measuring current consumption are now available to the RX family.

Refer to the URL below for an overview of the product.

<https://www.renesas.com/e2studio>

**1. Products and Versions to Be Updated**

➤ e<sup>2</sup> studio V6.1.0

Check the version number of your copy of e<sup>2</sup> studio in the dialog box opened by selecting [About e<sup>2</sup> studio] from the [Help] menu of e<sup>2</sup> studio.

**2. Items Revised**

The major revision point is as follows. Refer to the release note for details.

This information will be available from January 22.

<https://www.renesas.com/search/keyword-search.html#genre=document&q=r20ut4237ee>

**2.1 Description of Modification**

Modifications related to a note on e<sup>2</sup> studio integrated development environment V6.0.0 and V6.1.0 have been made. For details of the note, refer to the following issue of Tool News.

[Notes] e<sup>2</sup> studio Integrated Development Environment

Building projects for the C Compiler package for RL78 family (CC-RL) in which the build option has been set for each C source file

RENESAS TOOL NEWS, Document No. R20TS0270EJ010

<https://www.renesas.com/search/keyword-search.html#genre=document&q=r20ts0270ej>

**2.2 Improvements to Functionality**

➤ Addition of support of the E2 emulator with the function of measuring current consumption to the RX family

- The E2 emulator is now made available to the RX family. This allows using the function of measuring current consumption, one of the major features of the E2 emulator, with the RX family in addition to the RL78 family.

Supported series: RX100 and RX200 series (support for the RX600 series is in development.)

➤ Addition of a function to display the Context Help in the Smart Browser in real time

- The following information is automatically displayed in the [Context Help] view.
  - Information on the Web of devices and tools relevant to e<sup>2</sup> studio
  - Information on the Web of compiler products and target MCU products used in e<sup>2</sup> studio projects
  - FAQ

- Support for new compiler versions
  - C/C++ Compiler Package (CC-RX) for RX Family V2.08 is supported.
  - C Compiler Package (CC-RL) for RL78 Family V1.06 is supported.
- Expansion of the Smart Configurator function
  - The Smart Configurator is now available in the following device groups.  
RX family: RX230, RX231, and RX71M groups
  - Support for the GNU compiler (RX family)  
The Smart Configurator can now output codes for GCC for Renesas RX (GNURX compiler).

## 2.3 Addition of Supported Devices

- RL78 family
  - Support of the build and debug functions has been newly added to R5F1051A (10pin) and R5F1054A (16pin) of the RL78/G11 group.
- RH850 family
  - Support for the debug function has been added to the RH850/P1H-C, P1M-C, and P1L-C groups.

## 3. Updating Your Product

Download the e<sup>2</sup> studio installer from the URL below.

V6.2.0 will be available from January 22.

[https://www.renesas.com/e2studio\\_download](https://www.renesas.com/e2studio_download)

Note 1: You cannot update e<sup>2</sup> studio from V5.4.0 or an earlier version to V6.0.0 or a later version (including V6.2.0) by overwriting the installation. Create another folder and newly install e<sup>2</sup> studio.

2: There are two installers: one for online use (Web installer), and one for offline use.

Only the latest revision of the installer for online use can be applied. Check the download page indicated above before installation.

Use the installer for offline use in environments which are not connected to the Internet.

Refer to the download page indicated above for details.

For the online installer, please download V6.2 Web installer after it becomes available. (Do not use V6.0 Web installer.) If you need V6.0.0 or V6.1.0, use the offline installer for those versions.

3: Do not open a workspace that was used by a different version of e<sup>2</sup> studio by using a newly installed version of e<sup>2</sup> studio. Specify a newly created folder as a workspace and import projects from the previous workspace.

**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	Jan. 16, 2018	-	First edition issued

TOYOSU FORESIA, 3-2-24 Toyosu, Koto-ku, Tokyo 135-0061 Japan  
 Renesas Electronics Corporation

■Inquiry

<https://www.renesas.com/contact/>

Renesas Electronics has used reasonable care in preparing the information included in this document, but Renesas Electronics does not warrant that such information is error free. Renesas Electronics assumes no liability whatsoever for any damages incurred by you resulting from errors in or omissions from the information included herein.

The past news contents have been based on information at the time of publication. Now changed or invalid information may be included.

The URLs in the Tool News also may be subject to change or become invalid without prior notice.

All trademarks and registered trademarks are the property of their respective owners.