

[Upgraded to version]
e² studio 2020-10

R20TS0605EJ0100
Rev.1.00
Oct. 01, 2020

Outline

We have updated the e² studio integrated development environment from 2020-07 to 2020-10.

For an overview of the product, refer to the URL below.

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

1. Products and Versions to Be Upgraded

- e² studio 2020-04 and 2020-07

To see the version of e² studio, select [About e2 studio] in the [Help] menu of e² studio and open the dialog box.

2. Descriptions of the Upgrade

The main features of the update are described in the following sections. Refer to the release note for details. (Scheduled to be released on Oct 6th.)

<https://www.renesas.com/search/keyword-search.html?q=R20UT4838&genre=document>

2.1 Improved Functionality

We have improved the following functionalities.

For details about the improvements, please refer to “What is new in 2020-10?” in the release note mentioned above.

2.1.1 New eclipse/CDT platform support

Includes new eclipse platform and new version of CDT (C/C++ Development Tooling).

Please refer to the following documents from www.eclipse.org for further information about the eclipse/CDT updates.

e ² studio version	2020-07	2020-10	Documentation of update
eclipse	4.15(2020-03)	4.17(2020-06)	eclipse – What's New
CDT	9.11.0	9.11.1	eclipse Wiki – CDT What's New

2.1.2 TrustZone feature support for RA Family (RA6M4)

- TrustZone supported debugger has Secure and Non-secure mode. In Non-secure application mode, a user can debug with hidden code/data in Secure zone.
- Secure and Non-secure application projects can be generated and built.

2.1.3 Debug feature improvement

- RX, RA Families

Debug console reports voltage of USB bus power from PC to E2, E2 Lite emulator. This makes it easy to detect emulator powering problems.

- RH850 Family

Added feature of software trace data output to LPD.

2.2 Addition of Supported Devices

- Added RH850 U2A group support

Debug features are now supported for the above device group.

3. Updating Your Product

Download and run the e² studio installer found through the following URL.

(2020-10 will be available from Oct 6th)

https://www.renesas.com/e2studio_download

Note 1: Please refrain from installing over existing e² studio V7.8.0 or older versions.
Please also read notifications stated on the download page of this product.

Note 2: This product does not work with 32-bit Windows OS. In the 32bit OS environment, please use e² studio V7.8.0 or later which can be found at:

https://www.renesas.com/search/keyword-search.html#q=setup_e2_studio%20V7&genre=tooldownload

Note 3: For the device families RA and Renesas Synergy™, please use installers with software packages delivered from the following URLs.

RA Family :

<https://github.com/renesas/fsp/releases>

Renesas Synergy™ :

<https://www.renesas.com/products/synergy/software/tools.html> .

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Oct.01.20	-	First edition issued

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.

Corporate Headquarters

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

www.renesas.com

Trademarks

Renesas and the Renesas logo are trademarks of Renesas Electronics Corporation. All trademarks and registered trademarks are the property of their respective owners.

Contact information

For further information on a product, technology, the most up-to-date version of a document, or your nearest sales office, please visit:

www.renesas.com/contact/