

# QE for UART V1.0.0

## [technical preview version]

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### Release Note

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Thank you very much for your interest in QE for UART V1.0.0 [technical preview version].

This document describes features and installation of this product. Read this document before using the product.

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## 1. About QE for UART

### 1.1 Summary

QE for UART is one of several solution tool kits which operate under the e<sup>2</sup> studio integrated development environment. QE for UART assists with initial settings of UART communication and debugging of communication processing for development of embedded systems using the UART communication function of the RX family.

For details on solution tool kits and QE (Quick and Effective tool solution), refer to the URL below.

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

### 1.2 Supported Environment

Microsoft Windows 7, Windows 8.1, Windows 10

Renesas e<sup>2</sup> studio V5.4.0 (or later)

### 1.3 Supported Microcontroller

RX family

- The baud rate display function is only supported by the following groups:  
RX113, RX130, RX230, RX231, RX65N, RX651, RX64M, RX71M

### 1.4 Supported SCI (UART) Driver

- FIT module r\_sci\_rx Rev.2.00
- Code Generator SCI/SCIF Asynchronous Mode Version 1.0.0  
(component of the Smart Configurator)

Even if the above driver is not used, you can use the functions by manually adding the debug code.

## 2. Installation and Uninstallation

### 2.1 Installing This Product

Use the following procedure to install this product.

1. Start e<sup>2</sup> studio V5.4.0 (or later).
2. From the [Help] menu, select [Install New Software...] to open the [Install] dialog box.
3. Click the [Add...] button to open the [Add Repository] dialog box.
4. Click the [Archive] button, select the zip file for installation in the opened dialog box, and click the [Open] button.
5. Click the [OK] button in the [Add Repository] dialog box.
6. Select the [Renesas QE for UART] check box displayed in the [Install] dialog box and click the [Next] button.
7. Check that [Renesas QE for UART] is selected as the target of installation, and click the [Next] button.
8. After confirming the license agreements, select the [I accept the terms of the license agreements] radio button, and click the [Finish] button.
9. If the dialog of the trust certificate is displayed, check that certificate, and click the [OK] button to continue installation.
10. When prompted to restart e<sup>2</sup> studio, restart it.

### 2.2 Uninstalling This Product

Use the following procedure to uninstall this product.

1. Start e<sup>2</sup> studio.
2. Select [Help -> Installation Details] to open the [e<sup>2</sup> studio Installation Details] dialog box.
3. Select [Renesas QE for UART] displayed on the [Installed Software] tabbed page and click the [Uninstall...] button to open the [Uninstall] dialog box.
4. Check the displayed information and click the [Finish] button.
5. When prompted to restart e<sup>2</sup> studio, restart it.

### 3. About the Questionnaire of Technical Preview Version

#### 3.1 Positioning of this product

QE for UART is a technical preview version. We aim to become a better product by the customer feedback.

#### 3.2 Request for the Questionnaire after Using This Product

In order to become a better product, please send us your comments and requests to this product.

Contact E-mail Address:

[qe\\_feedback@lm.renesas.com](mailto:qe_feedback@lm.renesas.com)

[Questionnaire Content] (Within the range that can answer.)

- Name
- Company name, department name
- Purpose
- We are planning to develop the full version with enhanced features.  
Did you think that you want to use the full version? [Yes / No]
- Comments and Requests
- Do you want to support applications in the QE series? (Except for the USB, BLE and UART)  
[For example: Wi-SUN/Sub-GHz, I2C, PLC, and so on...]

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<http://www.renesas.com/>

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