

[Upgrade to revision]

R20TS0726EJ0100

Solution Toolkit

Rev.1.00

Jul. 16. 2021

QE for BLE[RX] V1.1.0:

Development Assistance Tool for Bluetooth® Low Energy

Overview

We have updated the products in the title as follows:

- QE for BLE[RX], the development assistance tool for Bluetooth® low energy: From V1.0.0 to V1.1.0

1. Version to Be Updated

- QE for BLE[RX] V1.0.0

How to check the version: In e² studio, select [Help] and then [e² studio Installation Details], open the [Installed Software] tab, and then check the version of Renesas QE for BLE[RX].

2. Description of Revision

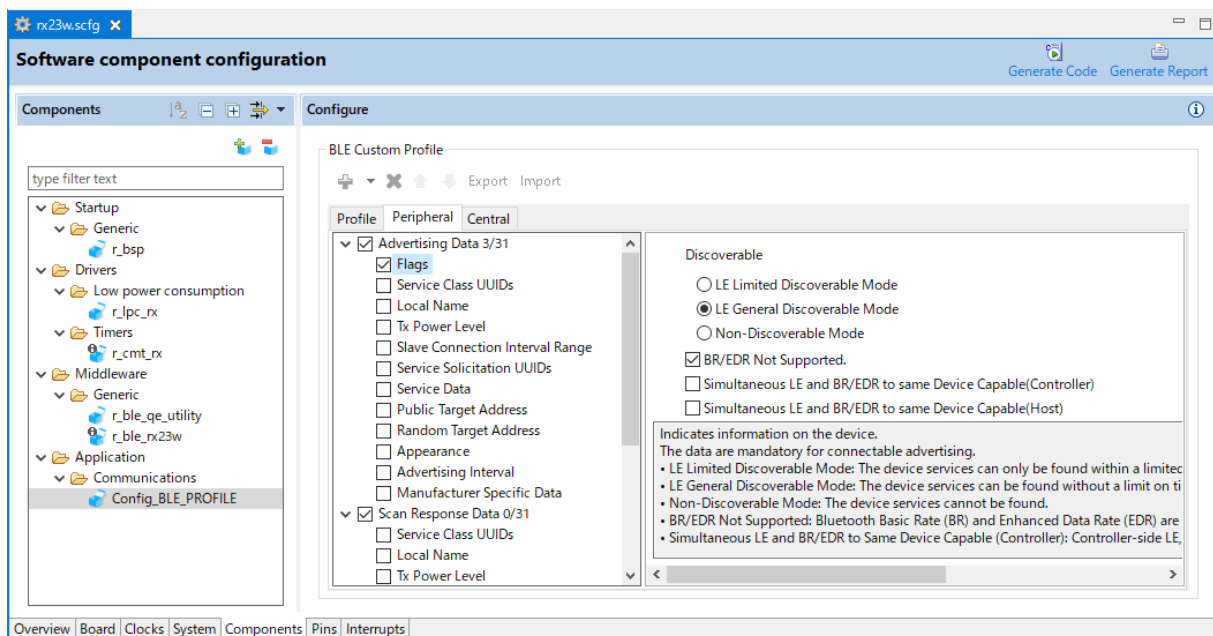
The major revision points are as follows. For details and installation instructions, see the following release note.

- QE for BLE[RA, RE] V1.1.0 Release Note

<https://www.renesas.com/search/keyword-search.html-genre=document&q=r20ut5011>

2.1 Improvements to Functionality

- Integrated development environment e² studio 64-bit edition is now supported.
From this version, the product can be used in the e² studio 64-bit version (e² studio 2021-07 or later) environment. Note that e² studio 32-bit edition is no longer supported. Install QE for BLE[RX] V1.1.0 or later in an environment in which e² studio 2021-07 or later is installed.
- Improvement in the GUI for property file definitions
If you want to perform unique data communication (not through profiles provided by Bluetooth SIG), you must define a profile. The custom profile generation function for changing profiles was improved for better visibility of values entered for characteristics and descriptors.
- Support of advertising scan settings
This tool supports settings for advertising, which is one of the features of BLE. You can specify details such as the timing and frequency of advertisement scan communications. Advertisement mode and scan mode can be configured in the Peripheral tab and Central tab, respectively.



3. Operating Environment

- Integrated development environment e² studio 2021-07 or later

For details about how to use this product, see the QE item from the [Help] menu of e² studio.

4. Obtaining the Product

Download the installer for QE for BLE[RX] V1.1.0 from the following URL:

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

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Jul.16.21	-	First edition issued

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