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[Upgrade to version]

R20TS0718EJ0100

Rev.1.00

Solution Toolkit

Jun. 01, 2021

QE for Capacitive Touch[RA,RL78,Synergy]:

Development Assistance Tool for Capacitive Touch Sensor V1.4.0

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## Overview

The products in the title will be revised and their version numbers will be changed as follows:

- RA, RL78, Renesas Synergy™ QE for Capacitive Touch[RA,RL78, Synergy]: From V1.3.0 to V1.4.0.

The product name has been changed to reflect the addition of supported microcontrollers.

## 1. Version to Be Updated

- QE for Capacitive Touch[RA, RL78] V1.3.0

How to check the version: In e<sup>2</sup> studio, select [Help] and then [e<sup>2</sup> studio Installation Details],

open the [Installed Software] tab,

and then check the version of Renesas QE for Capacitive Touch[RA, RL78].

## 2. Items Revised

The major revision points are as follows. For details and how to install the product, refer to the following release note.

- QE for Capacitive Touch[RA, RL78, Synergy] V1.4.0 Release Note

<https://www.renesas.com/search?keywords=r20out4994>

### 2.1 Addition of Supported Devices

Support has been added for the following device group.

Renesas Synergy™ MCUs: S7G2, S3A7, S124, S3A3, S128, S5D9, S5D5, S5D3, S3A6, S3A1, S1JA

For the list of supported devices, refer to the following URL:

<https://www.renesas.com/qe-capacitive-touch>

## 3. Operating Environment

- Integrated development environment e<sup>2</sup> studio 2021- 04 or later

For development of Renesas Synergy™, we recommend to install e<sup>2</sup> studio by platform installer included SSP(Synergy Software Package). For details about how to use this product, refer to the QE items from the [Help] menu of e<sup>2</sup> studio.

### 4. Supported Modules

The following Synergy Software Package (SSP) components are supported.

Synergy Software Package (SSP) V2.0.0

- CTSU (Capacitive Touch Sensing Unit) Driver (Component name: r\_ctsuv2, version: V2.0.0)
- Capacitive Touch Framework (Component name: sf\_touch\_ctsuv2, version: V2.0.0)

### 5. Obtaining the Product

Download the installer for QE for Capacitive Touch[RA, RL78, Synergy] V1.4.0 from the following URL:

<https://www.renesas.com/qe-capacitive-touch>

**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	Jun.01.21	-	First edition issued

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