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[Upgrade to Version]  
Solution Toolkit  
QE for Capacitive Touch V3.0.1  
Development Assistance Tool for Capacitive Touch Sensors

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R20TS0816EJ0100  
Rev.1.00  
Jan. 16, 2022

## Outline

QE for Capacitive Touch has been updated to V3.0.1.

### 1. Products to Be Updated

QE for Capacitive Touch V2.0.0

How to check the version: In e2 studio, select [Help] and then [e2 studio Installation Details].  
Open the [Installed Software] tab.  
Check the version of Renesas QE for Capacitive Touch.

### 2. Description

The main changes are as follows. Refer to the release note for details.

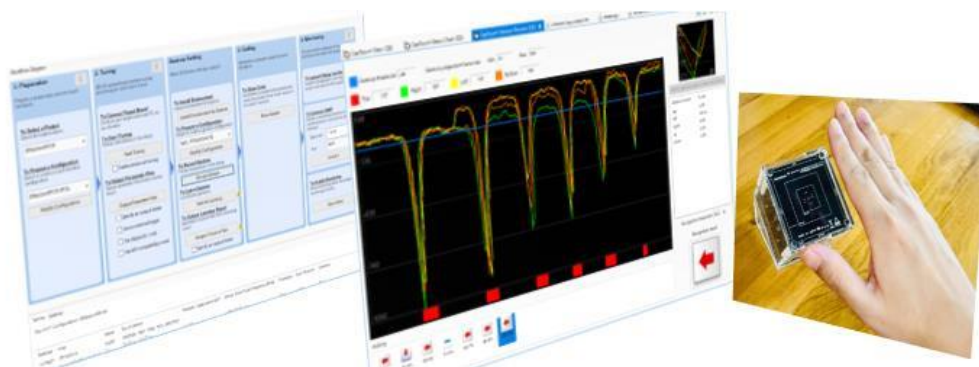
<https://www.renesas.com/search?keywords=r20Out5101>

#### 2.1 New Features

New support for 3D gesture AI development function.

It is easy to develop gesture applications using e-AI. QE's three functions, "recording function", "AI generation function", and "monitoring and tuning function", support AI application development, which is a difficult process with many steps. Anyone can develop AI applications without the need for specialized AI skills

For more information, please refer to here. <https://www.renesas.com/qe-eai-gesture>



#### 2.2 Improved Functionality

The following functions have been added and improved.

- Supported outputting files corresponding to function diagnosis. (Supports Renesas Synergy except S7G2 )
- Tuning function using serial communication for products equipped with CTSU. (For standalone version only)
- Improved accuracy for the tuning process.

### 3. Obtaining the Product

Download the installer for QE for Capacitive Touch V3.0.1 from the following URL.

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

**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	Jan.16.22	-	First edition issued

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**Corporate Headquarters**

TOYOSU FORESIA, 3-2-24 Toyosu,  
Koto-ku, Tokyo 135-0061, Japan  
[www.renesas.com](http://www.renesas.com)

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