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Rev.1.00

Jun. 05, 2024

Solution Toolkit

Development Assistance Tool for Capacitive Touch Sensors

QE for Capacitive Touch V3.5.0

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## Outline

QE for Capacitive Touch, a development assistance tool for capacitive touch sensors, has been updated from V3.3.0 to V3.5.0.

## 1. Description

The following sections cover the main enhancements. For details and how to install the product, see the release note at the link below.

- QE for Capacitive Touch V3.5.0 Release Note

<https://www.renesas.com/document/rln/qe-capacitive-touch-v350-release-note>

### 1.1 Supports the functions of SNOOZE Mode Sequencer (SMS)

RL78/G22 and RL78/G23 can now reduce current consumption by using the SMS function.

### 1.2 Improved offset tuning target for CTSU2 devices

The range in which the capacitance change of the touch sensor can be measured has been expanded.

### 1.3 3 Frequency Measurement setting improvement

The default settings for the 3 Frequency Measurement when using RL78/G22 and RL78/G23 has been changed. It because of following the Renesas Technical Update (Document No: TN-RL\*-A0136x/E).

## 2. Installing the Product

Download the installer for QE for Capacitive Touch V3.5.0 from the link below.

<https://www.renesas.com/qe-capacitive-touch#tab-release-information>

**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	Jun.05.24	-	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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