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[Upgrade to Revision]

R20TS1227EJ0100

Rev.1.00

Apr. 05, 2026

## Solution Toolkit QE for Capacitive Touch V4.3.0 Development Assistance Tool for Capacitive Touch Sensors

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### Outline

QE for Capacitive Touch, a development assistance tool for capacitive touch sensors, has been updated from V4.2.0 to V4.3.0.

### 1. Products to Be Updated

V4.2.0 of QE for Capacitive Touch, a development assistance tool for capacitive touch sensors

### 2. Description

The following sections describe the main enhancements. For detailed information about the update and installation procedure, refer to the release note at the link below.

- QE for Capacitive Touch V4.3.0 Release Note

<https://www.renesas.com/document/rln/qe-capacitive-touch-v430-release-note>

#### 2.1 Improved Functionality

- Improved the diagnostic functions of CTSU2 devices

The sample code and parameter files have been updated to align with the corrections made to the CTSU driver.

- Changes to Advanced Mode Settings

- The "VCC" transmission power supply setting item has been renamed to the correct device-specific name (CTSU2).
- For "Self-capacitance (no shield pin)," the default transmission power setting has been changed to "Internal logic power supply" when "Automatic" is selected.
- For sliders/wheels, when the base clock frequency or sensor drive pulse frequency setting of any TS pins is changed, the same setting is automatically applied to the other TS pins that constitute the slider or wheel.
- Measurement Time Setting:  
An error is now generated if a measurement time that may cause measurement value overflow is configured.

### 3. Obtaining the Product

Download the installer for QE for Capacitive Touch V4.3.0 from the following URL:

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

**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	Apr.05.26	-	First edition issued

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