[Upgrade to version]

Solution Toolkit

QE for Capacitive Touch V2.0.0:

Development Assistance Tool for Capacitive Touch Sensor

Outline

We have upgraded the version of Development Assistance Tool for Capacitive Touch Sensor to V2.0.

Major functional improvements and changes are as follows.

➢ Addition and changes in supported MCUs

➢ Release of the standalone edition QE for Capacitive Touch

1. Products and Versions to Be Upgraded

➢ QE for Capacitive Touch V1.4.1 for the RA and RL78 families (RA, RL78, Synergy)

➢ QE for Capacitive Touch V1.1.0 for the RX family

How to check the version: In e^2 studio, select [Help] and then [e^2 studio Installation Details].

Open the [Installed Software] tab.

Check the version of Renesas QE for Capacitive Touch.

2. Descriptions of the Upgrade

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

➢ QE for Capacitive Touch V2.0.0 Release Note

https://www.renesas.com/search?keywords=r20ut5041

2.1 Addition and Changes in Supported MCUs

(1) The following group has been added to the set of supported MCUs.

RX family: RX671 group

(2) An MCU that contains capacitive touch sensors for all Renesas products is now supported.

QE for Capacitive Touch for the RA and RL78 families (RA, RL78, Synergy) and QE for Capacitive Touch for the RX family have been integrated into a single package.

For the supported MCUs, refer to the URL below.

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

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2.2   Improved Functionality

We will release the standalone edition of QE for Capacitive Touch (development assistance tool for capacitive touch sensor), which has been released as a plug-in for the e² studio integrated development environment. The standalone edition of QE for Capacitive Touch operates in linkage with the CS+ integrated development environment and IAR Embedded Workbench®, which is an integrated development tool from Renesas partners.

The standalone edition supports the following functions.

(1)   Automatic sensitivity tuning of the touch sensor by using a serial connection

This function is available in RA2L1, RA2E1, and RL78/G23.

(2)   Monitoring of a touch input status by using a serial connection

3.   Obtaining the Product

Download the installer for QE for Capacitive Touch V2.0.0 from the following URL.

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

Revision History

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