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R20TS0942EJ0100

Rev.1.00

May. 16, 2023

Solution Toolkit

QE for Motor V1.2.0: Development Assistance Tool for Motor

Outline

QE for Motor, a development assistance tool for motor, has been updated from V1.1.0 to V1.2.0.

1. Description

For details of the update, supported devices and how to install the product, refer to the release note at the link below.

- QE for Motor V1.2.0 Release Note
(Scheduled to be released on May 22, 2023.)

<https://www.renesas.com/document/rln/qe-motor-v120-release-note>

The main changes are as follows.

1.1 Addition of Supported Devices

- QE for Motor V1.2.0 now supports RL78/G1F devices.

1.2 Addition of supported motor middleware

The following motor middleware modules are additionally supported.

- RA Flexible Software Package (FSP)
 - Motor Vector Control with hall sensors (rm_motor_hall)
 - Motor Vector Control with induction sensor (rm_motor_induction)

Please refer to the latest QE for Motor V1.2 Release Note for supported device and functions.

2. Operating Environment

- Renesas e² studio 2022-04 (or later)
 - ※ If you are using a version of e² studio earlier than 2022-04, update it to 2022-04 or later.
- Renesas Motor Workbench V3.0.0 (or later)
 - ※ If you are using a version of Renesas Motor Workbench earlier than V3.0.0, update it to V3.0.0 or later.

3. Obtaining the Product

Download the installer for QE for Motor V1.2.0 from the following URL:
(Scheduled to be released on May 22, 2023.)

<https://www.renesas.com/software-tool/qe-motor-development-assistance-tool-motor-applications#tab-release-information>

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	May.16.23	-	First edition issued

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