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Rev.1.00

May. 16, 2023

Solution Toolkit

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

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## 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 e<sup>2</sup> studio 2022-04 (or later)
  - ※ If you are using a version of e<sup>2</sup> 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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