

[Upgrade to Revision]
 Solution Toolkit QE for Motor V1.6.0:
 Development Assistance Tool for Motor

R20TS1228EJ0100
 Rev.1.00
 Apr. 20, 2026

Outline

QE for Motor, a development assistance tool for motor, has been updated from V1.5.1 to V1.6.0.

1. Products to Be Updated

V1.5.1 of QE for Motor, a development assistance tool for motor

2. Description

The main changes are as follows. For details of the update and installation instructions, refer to the release note at the link below.

- QE for Motor V1.6.0 Release Note

<https://www.renesas.com/document/rln/qe-motor-v160-release-note>

2.1 New Features

- Supports RAMP (Renesas Advanced Motor Control Platform)
 This tool supports RAMP FSP modules.

- In this version, RAMP configuration is supported for sensorless vector control and Hall sensor-based vector control on the RA6T2.

Sample projects using the RAMP Motor Control (rm_motor_control) module can be imported into e² studio via the wizard launched from the “Download and import motor sample program” button on the Workflow.

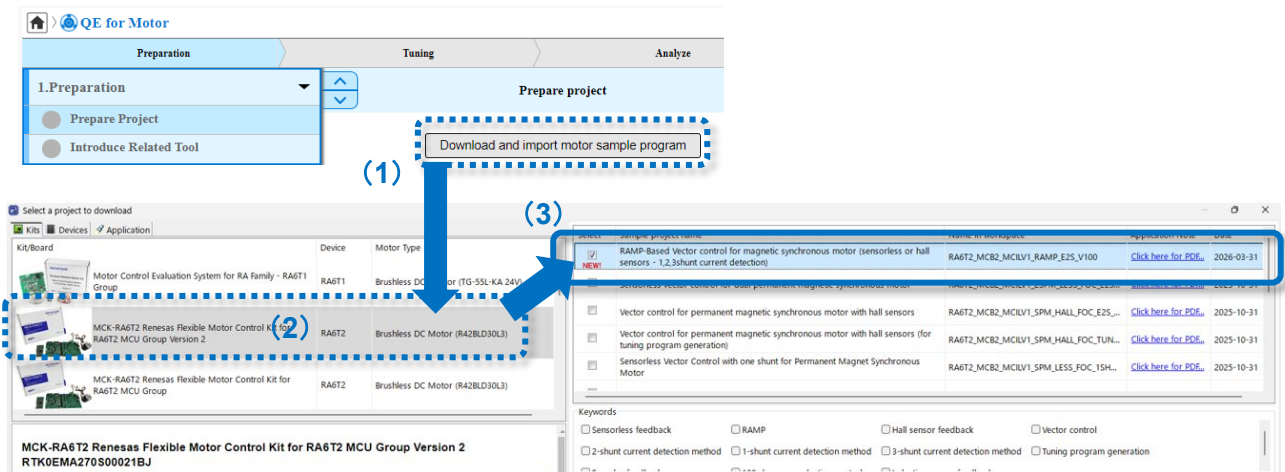


Figure 1 Display Example of a Sample Project Using the Motor Control (rm_motor_control) Module

- In projects using the RAMP Motor Control (rm_motor_control) module, clicking the "Apply the tuning results to the target project" button on the Workflow allows you to apply the parameters obtained using the Tuner function in Renesas Motor Workbench to the FSP settings of the target project.

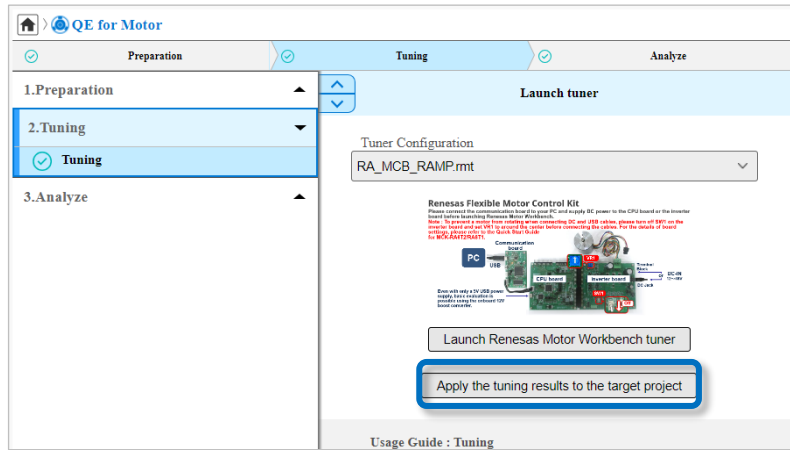


Figure 2 Workflow: "Apply the tuning results to the target project" button

2.2 Addition of Supported Device

RX Family: RX14T Group

3. Obtaining the Product

Download the installer for QE for Motor V1.6.0 from the following URL:

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

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Apr.20.26	-	First edition issued

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