[Upgrade to Revision] Solution Toolkit QE for Motor V1.7.0: Development Assistance Tool for Motor

R20TS1276ES0100
Rev.1.00
Oct. 22, 2026

Outline

QE for Motor, a development assistance tool for motor, has been updated from V1.6.0 to V1.7.0.

1. Products to Be Updated

QE for Motor V1.6.0, 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 V1.7.0 Release Note

  https://www.renesas.com/document/rln/qe-motor-v170-release-note

2.1 Improved Functionality

- Expanded RAMP (Renesas Advanced Motor Control Platform) Support.
  - The control method configuration feature for RAMP has been extended to support RA4T1, RA6T3, RA8T1, and RA8T2, in addition to the existing RA6T2 support for RAMP FSP modules.

    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.

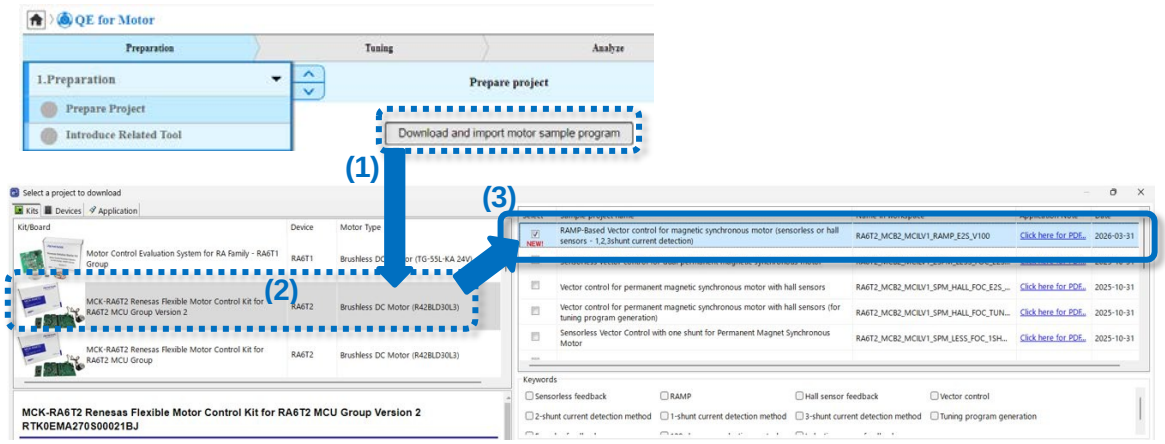


Figure 1 Display Example of a Sample Project Using the Motor Control (rm_motor_control) Module

➢ 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 directly to the FSP settings of the target project.

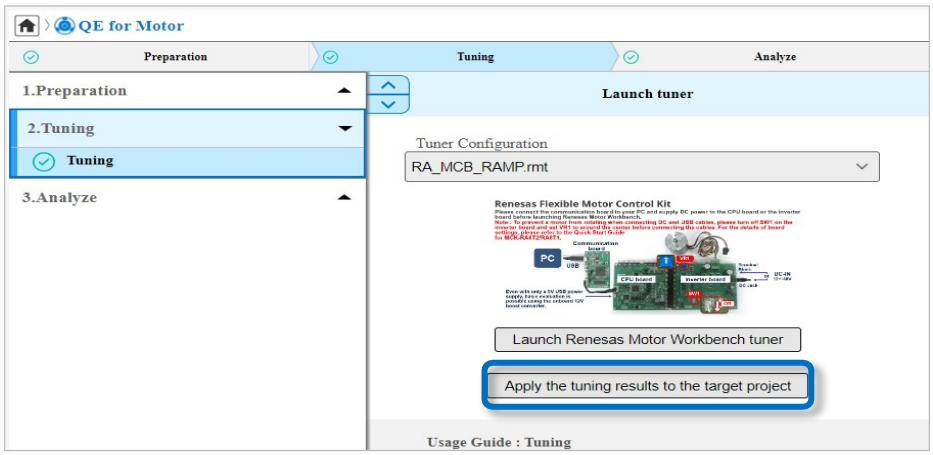


Figure 2 Workflow: "Apply the tuning results to the target project" button

2.2 Addition of Supported Devices

RX Family: RX74M Group, RX74N Group.

3. Obtaining the Product

Download the installer for QE for Motor V1.7.0 from the following URL:

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

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Oct.22.26	-	First edition issued

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