

[Upgrade to Revision]

R20TS1225EJ0100

Model-Based Development Environment for RA, RL78, RX Family

Rev.1.00

[Embedded Target] V6.10.00

Mar. 20, 2026

Outline

The Model-Based Development Environment for RA, RL78, RX Family [Embedded Target] V6.10.00 (hereinafter referred to as Embedded Target) has been updated from V6.09.00 to V6.10.00.

Embedded Target is a tool for co-simulation between the CS+ or e² studio integrated development environment from Renesas interlinked with MATLAB® and Simulink® from the MathWorks, Inc. Among other things, this will support the validation of algorithms and model-based development by customers.

For an overview of the product, please refer to the product page from the following URL:

<https://www.renesas.com/embedded-target>

1. Products to Be Updated

- Embedded Target V5.00.00 ~ V5.01.00, V6.00.00 ~ V6.09.00

To check the version of Embedded Target, click the [Configuration Parameters] menu of Simulink® Model > [Code Generation > Embedded Target Options > About Embedded Target] to open the dialog box.

2. Descriptions

The main changes are as follows. Refer to the release note for details.

<https://www.renesas.com/embedded-target#documents>

2.1 Improved Functionality

- Regarding the Model-Based Development Environment for the Renesas RA, RL78, RX Family [Embedded Target], the sales of the commercial licenses will be discontinued. From V6.10.00, it will be available free of charge.
For details on the discontinuation of commercial licenses sales, please refer to the Tool News below.
[\[Notification\] End of Sales Notice for the Commercial License of the Model-Based Development Environment for RA, RL78, RX Family \[Embedded Target\]](#)
- MATLAB® versions R2018b, R2022b, R2023a, R2023b, R2024a, R2024b, R2025a, R2025b are available for use with Embedded Target now. Contact technical support for detail information of MATLAB version that can be cooperated with Embedded Target.
<https://www.renesas.com/contact-us>
- A method using 'Software Trace', debug function of e² studio, has been added to the time measurement method for multi-core devices of RA Family. This has made it possible to measure the execution time of parallelized Simulink models on the device even when using a multi-core device of RA Family.
- When e² studio is selected as the target IDE for RX Family devices, project generation using Smart Configurator is enabled. By using the Smart Configurator, which enables easy GUI-based configuration of pins and peripheral functions, integration between the code generated from Simulink models and peripheral drivers or middleware is facilitated.

2.2 Addition of Supported Devices

The following device group is now supported.

- RA Family
RA8D2, RA8M2

3. Updating the Product

Download the installer from Embedded Target product page from the following URL:

<https://www.renesas.com/embedded-target#downloads>

Uninstall the old version and install the new version according to the version of MATLAB® supported by Embedded Target. For uninstallation instructions, please refer to Embedded Target Quick Start Guide, which can be found in the documentation section of the product page. If you have any questions, please contact our technical support.

4. Proprietary Notice

MATLAB®, Simulink® are registered trademark of The MathWorks, Inc.

https://www.mathworks.com/company/aboutus/policies_statements/trademarks.html

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Mar. 20, 26	-	First edition issued

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