[Upgrade to Revision] Renesas Flash Programmer V3.25.00

R20TS1277EJ0100
Rev.1.00
Oct. 20, 2026

Outline

Renesas Flash Programmer, a software tool for programming flash memory, has been updated from V3.24.00 to V3.25.00. For an overview of the product, refer to the link below.

https://www.renesas.com/rfp

1. Description

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

(This note is applicable as of October 20.)

https://www.renesas.com/software-tool/renesas-flash-programmer-programming-gui#document

1.1 New feature

- Support for the J-Link with RX74x MCUs

  Applies to: RX74x

  J-Link has been added as a supported tool for RX74x devices. Note that only UART and SWD communication interfaces are supported. In addition, SWD communication is supported only with J-Link.

1.2 Function improvements and Changes

- Support for programming the external flash memory mounted on EK-RA4M2 and EK-RA4M3

EK Board	External Flash Memory
EK-RA4M2	MX25L25645G
EK-RA4M3	

  Erase and program operations can be performed on the external flash memory devices listed above. This feature is supported only when using the SWD interface. In addition, erasure, programming, and read operations cannot be performed when the target device is in the non-secure state.

- Change to area names

  The area names displayed in the GUI and output in the logs of the command-line software rfp-cli have been changed as follows.

Before the Change	After the Change
Code Flash	Code Area
Data Flash	Data Area
User Boot	User Extra[Note1]

  Note1: RX74x MCUs only.

- Change to rfp-cli option name

  Applies to: RX74x

  The rfp-cli command-line software option name has been changed as follows.

  Before the change: userboot-flags

  After the change: userextra-flags

- Support for specifying the communication speed for the rfp-cli -run-user-image command

  Applies to: RA6W1, RA6W2

  The communication speed can be specified using the -run-user-image command of the rfp-cli command-line software when connecting to the target devices listed above.

- Expanded support for UART communication speeds via a serial port

  Applies to: DA148xx, RA6W1, and RA6W2

  Support has been added for connection at the communication speeds listed below when connecting to the target devices listed above via UART over a serial port.

  Speeds: 9600 / 14400 / 19200 / 28800 / 38400 / 57600 bps

- Change to the rfp-cli -boundary option

  In the -boundary option of the command-line software rfp-cli, only <Code Secure> can be specified as an argument.

- Change to the rfp-cli -rfo command

  The output format of Boundary information generated by the -read-flashoptions (-rfo) command of the command-line software rfp-cli has been changed. Note that there is no change to the output for target devices that support a NSC area.

2. Updating the Product

Renesas Flash Programmer can be updated online. Download the installer from the link below.

(V3.25.00 is available as of October 20.)

https://www.renesas.com/software-tool/renesas-flash-programmer-programming-gui#download

3. Purchasing the Product

Contact your local Renesas Electronics sales office or distributor and inform them of the product information.

For product price, contact the sales office or distributor.

For product names and orderable part numbers, refer to the link below.

https://www.renesas.com/software-tool/renesas-flash-programmer-programming-gui#tab-release-information

Revision History

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

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