
[Upgrade to revision]
Renesas Flash Programmer V3.01.00

R20TS0024EJ0100
Rev.1.00
May 16, 2016

Outline

We are revising the Renesas Flash Programmer, a software tool for programming flash memory, and will change its current version number from V3.00.00 to V3.01.00 accordingly. Refer to the URL below for an overview of the Renesas Flash Programmer.

<http://www.renesas.com/rfp>

1. Description of Revision

1.1 Addition of Supported MCUs

Support for the MCUs listed below will be newly added.

(1) RH850 family

RH850/C1H group

R7F701270

RH850/C1M group

R7F701271

RH850/D1L group

R7F701402, R7F701403, R7F701422, and R7F701423

RH850/D1M group

R7F701404, R7F701405, R7F701406, R7F701407, R7F701408, R7F701410, R7F701411, R7F701412, R7F701428, R7F701430, R7F701431, and R7F701432

RH850/F1M group

R7F701549

RH850/P1M group

R7F701304, R7F701313, R7F701315, R7F701320, R7F701321, and R7F701322

(2) RX family

RX24T group

R5F524T8 and R5F524TA

(3) RL78 family

RL78/F15 group

R5F113GL, R5F113LL, R5F113ML, R5F113PL, R5F113TG, R5F113TH, R5F113TJ, R5F113TK, and R5F113TL

RL78/G1H group

R5F11FLJ, R5F11FLK, and R5F11FLL

1.2 Items to Be Newly Supported

The new functions described below are to be added.

- (1) Calculation of checksums for files to be programmed

When a file is selected in the [Program File] area, the checksum of the program file is displayed within the [Program File] area and output in the log output panel.

- (2) Programming of multiple files

This feature executes programming after binding all of multiple files after their selection.

- (3) Importing license files

Refer to the following document regarding the registering of licenses. This information will be available from May 20.

<http://www.renesas.com/search/keyword-search.html?q=r20ut3584ej&genre=document>

Renesas Flash Programmer License Registration

- (4) Programming of unique codes

This feature supports programming of a unique code in a designated area of flash memory. A serial number or product information can thus be added without changing files to be programmed.

- (5) Generating RPI files for programming MCUs

An RPI file is an image file that integrates data for programming in flash memory and flash options. The format enables the management of files for programming which include flash options.

- (6) Entering user-specified bit-rates for COM connections

In the case of a COM connection, the user can enter a desired bit-rate, as well as by selecting a value for [Speed] from the pull-down menu on the [Connection Settings] tabbed page.

- (7) Programming with USB-to-Serial Converter of 78K0 microcontroller

This function supports programming using the USB-to-Serial Converter of 78K0 microcontroller UPD78F0730. The function uses the virtual UART driver and UPD78F0730 and program as the programming through the serial (COM) connection.

For relevant information, see Renesas Tool News, document No. 160301/tn8 at the URL below.

http://www.renesas.com/doc/toolnews/eng/2016/160301tn8_e.pdf

1.3 Description of Modification

The problems regarding the points below will be fixed.

- (1) Errors occurring when commands are executed in the boot mode (USB interface) of products of the RX64M and RX71M groups

For more information on the problem, see Renesas Tool News, document No. 160201/tn5 at the URL below.

http://www.renesas.com/doc/toolnews/eng/2016/160201tn5_e.pdf

- (2) Self-diagnosis of the E1 or E20 emulator leading to errors

For more information on the problem, see Renesas Tool News, document No. 160201/tn5 at the URL below.

http://www.renesas.com/doc/toolnews/eng/2016/160201tn5_e.pdf

2. Updating Your Product

Online updating of the Renesas Flash Programmer is possible. Download the installer from the URL below to install the program. The installer will be available on this page from May 20.

http://www.renesas.com/rfp_download

3. Obtaining the Evaluation Edition

Before purchasing the product, you can evaluate its performance and functionality by using the evaluation edition. To do so, download the evaluation edition from the Web page at the URL below. The installer will be available on this page from May 20.

http://www.renesas.com/tool_evaluation

4. How to Purchase the New Software

To check the prices or order the product, contact your local Renesas Electronics marketing office or distributor with the following information.

Product name	Renesas Flash Programmer V3, a software tool for programing flash memory
Order model name	R0C00000FDW13R (1 license) R0C00000FDW13R#L5 (5 licenses) R0C00000FDW13R#LA (10 licenses) R0C00000FDW13R#LT (20 licenses)

Remark: The license is a shrink-wrap contract, and one license is for use on one PC.

If you have the commercial edition of Renesas Flash Programmer V2, you can update it to V3 free of charge. If you purchase V3, you can also use V2. Refer to the following FAQ for the details.

FAQ:

Q: Can I use both the Renesas Flash Programmer V2 and V3 at the same time?

A: Yes, you can use them concurrently.

If you have Renesas Flash Programmer V2 (the commercial edition), you can update it to V3 free of charge. If you purchase the Renesas Flash Programmer V3 (commercial edition), you can use both of them.

According to License Registration, refer to the following information.

How to resister License of the Renesas Flash Programmer V2 into the Renesas Flash Programmer V3.

Install [the Renesas Flash Programmer V3 Upgrade](#) latest version into the host PC installed the Renesas Flash Programmer V2 commercial edition.

Resister by importing a license file that is located in the License_File folder of the CD of the Renesas Flash Programmer V2 into "Import of License" of Help menu on the Renesas Flash Programmer V3.

However, license import function has not been supported on the RFP V3.00.00 yet. It is supported on the RFP V3.01.00. Please register the license file.

How to resister License of Renesas Flash Programmer V3 into Renesas Flash Programmer V2.

Install [the Renesas Flash Programmer V2 Upgrade](#) latest version into the host PC installed the Renesas Flash Programmer V3 commercial edition.

Resister by importing a license file that is located in the License File folder of the CD of the Renesas Flash Programmer V3 into "Import of License" of Help menuon the Renesas Flash Programmer V2.

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	May 16, 2016	-	First edition issued

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■Inquiry

<http://www.renesas.com/en-hq/support/contact.html>

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