

Renesas Flash Programmer Revised to V2.03.00

We have revised Renesas Flash Programmer from V2.01.01 to V2.03.00.
For an overview of this flash-memory-programming software tool, go to:
<https://www.renesas.com/rfp>
The above URL is one of our global sites.

1. Descriptions of Revision

1.1 Device Support

The following MCUs have been added to the support line:

(1) In RX family

RX631 group:

R5F5631F, R5F5631G, R5F5631J, R5F5631K, R5F5631W, R5F5631Y and
products equipped with USB 2ch in R5F5631M and R5F5631P

RX63N group:

R5F563NF, R5F563NG, R5F563NJ, R5F563NK, R5F563NW and R5F563NY

(2) In RL78 family

RL78/F13 group:

R5F10A6E, R5F10AGE, R5F10AGF, R5F10AGG,
R5F10BAC, R5F10BAE, R5F10BAG, R5F10BBG,
R5F10BGE, R5F10BGF, R5F10BGG, R5F10BLG and R5F10BMG

RL78/F14 group:

R5F10PGD, R5F10PGH, R5F10PGJ, R5F10PLF, R5F10PLJ,
R5F10PMF, R5F10PMJ, R5F10PPG, R5F10PPH and R5F10PPJ

RL78/L1C group:

R5F110MJ, R5F110PJ and R5F111PJ

(3) In V850 family

V850E2/Dx4-H:

UPD70F3529, UPD70F3532, UPD70F3535, UPD70F3536 and UPD70F3537

V850E2/Fx4:
UPD70F3557 and UPD70F4007

V850E2/Px4-L:
UPD70F4154

1.2 Functions Introduced

The following functions have been introduced:

(1) File Merging

When using the RX family of MCUs in the full mode, a function that merges data in all program files of a project and outputs the result as a single program file has been added.

(2) ID Code Saving

For the RX family, the ability to save the ID code data in an ID code file instead of the project file has been added.

(3) Setting of Mode Pins at Disconnection while Selecting the FINE (see NOTE) Communication

When using RX100 or RX200 series of the RX family and selecting FINE for the interface list box, the Mode Pins at Disconnect [Disconnection] below the Other Settings tab in the Project Settings Dialog Box has become settable.

NOTE:

FINE is a single-wired or double-wired communication interface using the FINE terminal of the MCU. To use the FINE interface, select RX200(FINE) or RX100(FINE) from the Using Microcontroller list box and E1/E20 from the Tool list box.

Note that Renesas Flash Programmer does not support the double-wired communication.

(4) Manual Input of Voltage Values

When the E1 or E20 emulator is used as a programmer, errors occur between the voltage value detected on the VDD pin of the emulator and the actual voltage. In order to modify the value accordingly, the manual input of voltage values is now selectable.

1.3 Function Deletion

The Connect Option drop-down list has been deleted from the Lock Bit category below the Other Settings tab in the Project Settings dialog box.

1.4 Problems Fixed

The following problems have been fixed:

(1) Problem with Programming

Product Version Concerned:

Renesas Flash Programmer V2.01.01

Involved MCUs:

RX100 series in the RX family

Description:

When the user clicks on the programming command in the Renesas Flash Programmer, programming starts after blocks with data are automatically erased in block units.

The target areas for erasure are those ones corresponding to data for programming within the programming file that has been read.

In the Renesas Flash Programmer V2.01.01, blank checking of each block proceeded to store the results when an MCU was connected. After that, even if a block that should have been erased exists in the area to be programmed, erasing the area was omitted when the block was blank.

To work around this, it was necessary for the user to delete blocks in areas to be programmed before executing a programming command.

In this revised version, however, all blocks in the area for programming are deleted even if the block is blank.

(2) Problem with Starting Programmer after Selecting Workspace File

This problem was mentioned on RENESAS TOOL NEWS

Document No. 130201/tn9. To see it, go to:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=130201tn9>

(3) Problem with Timeout Errors Arising When FINE Interface Used for Programming RX200 Series MCUs

This problem was mentioned on RENESAS TOOL NEWS

Document No. 130405/tn1. To see it, go to:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=130405tn1>

(4) Problem with Display of Mode Pins at Disconnection Category while Programming RX Family MCUs

This problem was mentioned on RENESAS TOOL NEWS

Document No. 130405/tn1. To see it, go to:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=130405tn1>

(5) Problem with Connecting Target System to Host PC via COMx Port

This problem was mentioned on RENESAS TOOL NEWS

Document No. 130405/tn1. To see it, go to:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=130405tn1>

(6) Problem with Executing Erase Command

This problem was mentioned on RENESAS TOOL NEWS

Document No. 131016/tn9. To see it, go to:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=131016tn9>

(7) Problem with Flash Shield Window Setting

This problem was mentioned on RENESAS TOOL NEWS

Document No. 131016/tn9. To see it, go to:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=131016tn9>

2. Updating Your Product

Online updating is available free of charge. Download the installer of the product from:

https://www.renesas.com/rfp_download

The installer will be published on this site on November 20, 2013.

The above URL is one of our global sites.

3. How to Purchase the Product

When you place an order for the product, supply the following items of information to your local Renesas Electronics marketing office or distributor:

Product type: Flash memory programming software

Renesas Flash Programmer

Part name: R0C00000FDW12R

For the price of the product, contact the above marketing office or distributor.

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