

RENESAS TOOL NEWS on December 01, 2015: 151201/tn6

## Revision of Renesas Flash Programmer to V3

We are revising the Renesas Flash Programmer, a software tool for programming flash memory, and will change its current version number from V2.05.02 to V3.00.00 accordingly.

Refer to the URL below for an overview of the Renesas Flash Programmer.

This page will be updated on December 7, 2015.

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

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### 1. Overview

We are revising the Renesas Flash Programmer, a software tool for programming flash memory, from V2.05.02 to V3.00.00.

The new version is designed for easier and faster writing in comparison with the current Renesas Flash Programmer V2.

Renesas Flash Programmer V3 supports RH850, RX, and RL78 family MCUs.

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

We have two editions of this product. The commercial edition includes technical support and the free-of-charge edition does not. If you are going to be using the programmer for writing to the flash memory of a finished product, we recommend that you purchase the commercial edition.

### 2. Points Upgraded

#### (1) Easier creation of projects

The following improvements have been made relative to V2 of the Renesas Flash Programmer.

- Easy selection of type names.

No need to select detailed type names for products of the RL78 family.

- Easy setting of mode pins for RX family products.

## (2) Improvements in processing speed

The programming time has been shortened by approximately 10 percent compared with V2 of the Renesas Flash Programmer. In the case of the RL78 family, programming times have been shortened by up to 50 percent.

Note: These data were gathered under specific conditions, and we do not guarantee a specific increase in speed.

## (3) Support for the E2 emulator Lite\*

\*: The E2 emulator Lite is a tool product for sale in limited regions.

## 3. Supported MCUs

- RH850 family
- RX family
- RL78 family

V3 does not support the V850, 78K0, and 78K0R families. Use V2 of the Renesas Flash Programmer if you are using products of these families. Refer to the URL below for details of the supported MCUs. This document will be released on December 7.

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

Renesas Flash Programmer V3 target devices list

## 4. Updating

If you have the commercial edition of Renesas Flash Programmer V2, you can update it to V3 free of charge.

Download the installer from the URL below to install the program.

The installer is scheduled for posting on December 7.

[https://www.renesas.com/rfp\\_download](https://www.renesas.com/rfp_download)

You can use V2 in conjunction with V3 as long as they are on the same PC, even after updating the program.

## 5. Schedule for the Next Revision

The following issues will be fixed in a later version of the product to be released in May, 2016.

### (1) Planned improvements to functionality

V2.05.02 of the Renesas Flash Programmer supports the following features, but V3.00.00 as yet does not.

- (a) Calculation of checksums for programmed files
- (b) Programming of multiple files
- (c) Programming of unique codes

### (2) Addition of supported MCUs

We will be adding support for further products of the RH850, RX, and RL78 families.

## 6. Sales and Technical Support for V2 of the Renesas Flash Programmer

We will continue to sell and support V2 for customers who are using products of the V850, 78K0, and 78K0R families.

The addition of supported MCUs of the RH850, RX, and RL78 families to V2 of the Renesas Flash Programmer will be ended with the revision scheduled for March, 2016. We recommend that customers using the programmer with supported RH850, RX, and RL78 products use V3.

You will need to check if the MCU you are using is supported in advance, since the timing of the revisions for V2 and V3 differs.

## 7. Obtaining the Free-of-charge Edition

This free-of-charge edition can be downloaded from the URL below.

The installer is scheduled for posting on December 7.

[https://www.renesas.com/tool\\_evaluation](https://www.renesas.com/tool_evaluation)

## 8. How to Purchase the 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 programming flash memory

Model names for ordering: R0C00000FDW13R (1 license)

R0C00000FDW13R#L5 (5 licenses)

R0C00000FDW13R#LA (10 licenses)

R0C00000FDW13R#LT (20 licenses)

Remarks: 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.

The information will be released on December. 7.

<https://www.renesas.com/search/keyword-search.html#q=FAQNo:1011758>

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