

Software Tools for Flash Memory Programmer PG-FP5 Revised

We have revised software tools for the flash memory programmer PG-FP5.

For an overview of the PG-FP5, go to:

https://www.renesas.com/pg_fp5

1. Software Tools to Update

You can update the following software tools, which are used for the PG-FP5, to their latest versions:

Software tools	Latest version
Firmware V2.10 and earlier	V2.11
Programming GUI V2.10 and earlier	V2.11

To check to see the version numbers of yours, see PG-FP5 Flash Memory Programmer User's Manual. As for FPGA Data, use V4 when you are updating the above software tools.

2. Descriptions of Revision

2.1 Functions Introduced

The following functions have been introduced:

- (1) The minimum unit programming function to data flash memory

MCU concerned: V850E2/Px4-L

The minimum unit programming function is the one for programming, verifying and reading data by the minimum unit of each processing only in the data-existing area of the flash memory.

To enable this function, follow these steps:

- (a) On the Device menu, select the Setup command.
- (b) In the Device Setup dialog box, click the Advanced tab.

(c) In the Command options area, select the Enable minimum unit programming check box.

(2) Unique code embedding

You can embed the unique code in the specified addresses of the loaded program file. As a result, it is possible to program the serial number on the target system to the address easily.

(3) Programming via the FINE port

When using the following MCUs, PG-FP5 became applicable to the programming function via the FINE port on your target MCU and PG-FP5.

MCUs concerned: RX100 series and RX200 series

2.2 Specification Added

For all MCUs supported by the PG-FP5, it is now possible to select the divide-in-two division pattern for the Programming Area Setting.

To select this pattern, follow these steps:

- (a) On the Device Setup dialog box, click the Target tab.
- (b) In the Programming Area Setting area, select "2 division [divide-in-two division] (Area0:10MB/Area1:6MB)."

2.3 Problems Fixed

The following problems have been fixed:

(1) Problem with Performing File Checksum Function

This problem was mentioned on RENESAS TOOL NEWS Document No. 130214/tn1. To see it, go to:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=130214tn1>

(2) Problem with Downloading Program Files

This problem was mentioned on RENESAS TOOL NEWS Document No. 130930/tn2. To see it, go to:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=130930tn2>

(3) Problem with Display of File Checksum Results

This problem was mentioned on RENESAS TOOL NEWS Document No. 130930/tn2. To see it, go to:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=130930tn2>

3. Updating Your Software Tools

Online updating is available free of charge. Download the updating program of each tool from:

https://www.renesas.com/pg_fp5_download

Then execute it.

The programs will be published on this site on September 30, 2013.

For details of updating, see PG-FP5 Flash Memory Programmer User's Manual.

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