

Microcontroller Technical Information

<p style="text-align: center;">PG-FP5 Flash Memory Programmer Upgrade</p>		Document No.	ZBG-CD-10-0041	1/2
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		Issued by	MCU Tool Product Marketing Department MCU Software Division MCU Business Unit Renesas Electronics Corporation	
Related documents	PG-FP5 Flash Memory Programmer User's Manual: U18865EJ4V0UM00 (R20UT0008EJ0400) PG-FP5 (Control Code: A, C) Operating Precautions: ZUD-CD-10-0231	Notification classification		Usage restriction
			√	Upgrade
				Document modification
				Other notification

1. Target product and version

Product	Outline	Control Code ^{Note 1}
PG-FP5	Flash memory programmer	A, C (Firmware: V2.04 or earlier, FPGA: V2 or earlier, Programming GUI: V2.03 or earlier)

It is not necessary to upgrade products with control code A or C (firmware: V2.05, FPGA: V2, and Programming GUI: V2.05)^{Note 2}.

To check the version, perform the following procedure:

- Firmware: On the menu bar, click **Programmer**, and then select **Reset**.
- FPGA: On the menu bar, click **Programmer**, and then select **Reset**.
- Programming GUI: On the menu bar, click **Help**, and then select **About FP5...**

- Notes**
1. The control code is the second digit from the left in the 10-digit serial number. If the product has been upgraded, a label indicating the new version is attached to product and the **x** in **V-UP x** on this label indicates the control code.
 2. Products with control code A and those with control code C are functionally equivalent. These products can be used in combination with the relevant version of firmware, FPGA, and programming GUI.

2. Upgrade details

- Addition of [Disable FSW reprogramming] function (specification change No. 20)
- Addition of [OCD security ID setting] function and [Option bytes setting] function (specification change No. 21)

For details, see *PG-FP5 (Control Code: A, C) Operating Precautions* (ZUD-CD-10-0231).

After upgrading, the control code will be A or C (firmware: V2.05, FPGA: V2, and Programming GUI: V2.05).

3. Upgrade start date

Two types of upgrade are available: upgrade by the user and upgrade by sending the product to Renesas Electronics.

3.1 Upgrade by user

The upgrade file can be downloaded from the website starting on October 8, 2010.

This schedule may change.

The latest firmware, FPGA, and Programming GUI are available on the **Development Tools Download** page on the Renesas Electronics website. Download the latest version and upgrade the product by referencing the section *3.4 Updating Programming GUI, Firmware and FPGA* in the user's manual.

URL <http://www2.renesas.com/micro/en/ods/> → Click **Version-up Service**.

3.2 Upgrade by sending the product to Renesas Electronics

Upgrading by sending the product will be available starting on October 8, 2010.

Upgrading by sending the product to Renesas Electronics is also available for upgrading the firmware and FPGA. The upgrade described herein will be provided for free for a period of one year from the above date. After the free upgrade period expires, an upgrade will be available for a fee. We therefore recommend that you take advantage of the free upgrade offer during the free upgrade period.