

Notes on Using Software Tools for Flash Memory Programmer PG-FP5

When using the software tools for the flash memory programmer PG-FP5, take note of the following problems:

- With performing checksum verification function
 - With performing file checksum function
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1. Problem with Performing Checksum Verification Function

1.1 Software Tools and Versions Concerned

The following software tools, which are used for the PG-FP5, are concerned with this problem:

- Firmware for PG-FP5 V2.09 and earlier
- Programming GUI for PG-FP5 V2.09 and earlier

1.2 MCUs Involved

The following MCUs are involved in this problem:

- All the MCUs of the V850E2/Fx4-L group
- The V850E2/FF4-G and V850E2/FG4-G MCUs (in V850E2/Fx4-G group)
- All the MCUs of the V850E2/Px4-L group

1.3 Description

If you execute the checksum command with the checksum verification function enabled, the checksum value is correctly expressed.

However, the address area for calculating checksum in the data flash memory is incorrect, so the result of verification is erroneous.

1.4 Solution

We plan to fix this problem in the following software tools, which will be published on February 20, 2013:

- Firmware for PG-FP5 V2.10
- Programming GUI for PG-FP5 V2.10

2. Problem with Performing File Checksum Function

2.1 Software Tools and Versions Concerned

The following software tools, which are used for the PG-FP5, are concerned with this problem:

- Firmware for PG-FP5 V2.09 and earlier
- Programming GUI for PG-FP5 V2.09 and earlier

2.2 MCUs Involved

The following MCUs are involved in this problem:

- All the MCUs of the V850E2/Px4-L group

2.3 Description

If you click the Device Area option button in the Checksum dialog box, the settings of the Start and End addresses of the Device Area in the data flash memory cannot be made correctly.

2.4 Workaround

To avoid this problem, follow these steps:

- (1) In the Checksum dialog box, click the User Defined option button.
- (2) In both the Code and Data group boxes, type the correct values into the Start Address and the End Address text box.

2.5 Schedule of Fixing Problem

We plan to fix this problem in the following software tools, which will be published in the end of August 2013:

- Firmware for PG-FP5 V2.11
- Programming GUI for PG-FP5 V2.11

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