

Note on Using the PG-FP5 Flash Memory Programmer

When using the PG-FP5 flash memory programmer, take note of the problem described in this note.

- Point to note regarding the downloading of program files
-

1. Applicable Software and Versions

This note applies to the PG-FP5 and the following software.

- Firmware for the PG-FP5, V2.13
- Programming GUI for the PG-FP5, V2.13

2. Target MCUs

RH850 family, RX family, SuperH family, and R8C family

3. Description

When downloading a program file containing data records with a size of 249 bytes or more, an error occurs and causes the operation to end before downloading is complete.

Error message:

E1803 Format error in program file!

4. Workaround

Change the compiler setting so that the maximum size of the data records for the program file is no greater than 248 bytes.

This note does not apply to Renesas compilers with the default output format for program files (Motorola S format) since data records must be no larger than 248 bytes. If you are using output in Intel HEX format, change the maximum size to be no larger than 248 bytes with the linker option setting for this purpose (-byte_count).

Note: Refer to the individual user's manuals for details of the options.

- RH850 Family C Compiler Package CC-RH V1.02.00 User's Manual: Compiler
<https://www.renesas.com/search/keyword-search.html#genre=document&q=r20ut3280>

- RX Family Compiler CC-RX V2.03.00 User's Manual
<https://www.renesas.com/search/keyword-search.html#genre=document&q=r20ut3248>

- SuperH C/C++ Compiler Package V.9.04 User's Manual
<https://www.renesas.com/search/keyword-search.html#genre=document&q=r20ut0704>

- M3T-NC30WA V.6.00 C/C++ Compiler User's Manual (C/C++ Compiler Package for M16C Series and R8C Family)
<https://www.renesas.com/search/keyword-search.html#genre=document&q=rej10j2188>

Contact the maker of your compiler for the settings, if you are using a compiler from a third party.

5. Schedule for Fixing the Problem

This problem will be fixed in the next version.

[Disclaimer]

The past news contents have been based on information at the time of publication. Now changed or invalid information may be included. The URLs in the Tool News also may be subject to change or become invalid without prior notice.

© 2010-2016 Renesas Electronics Corporation. All rights reserved.