

Note on Using the PG-FP5 Flash Memory Programmer -- R8C/35C and R8C/36C Groups --

When using the PG-FP5 flash memory programmer, take note of the problem with products of the following groups that is described in this note.

- Point to note regarding the R8C/35C and R8C/36C groups
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1. Parameter Files Concerned

This problem concerns the following parameter file for use with the PG-FP5 flash memory programmer.

V1.05 and earlier versions of PR5-R8C3X (for the R8C/3x series)

2. Affected MCUs

R8C/35C:

R5F21357C and R5F21358C

R8C/36C:

R5F21367C and R5F21368C

3. Description

The errors below might occur during the processing of a write or verification command for an affected MCU with the parameter file named above.

ERROR (E070): Communication failure or timeout.

or

ERROR (E081): Verify failed

Furthermore, even though an error is not reported, writing to 0x04000-0x07FFF does not proceed and a verification error is not reported when the following condition is satisfied.

- Condition

Proceeding to use the PG-FP5 to write following downloading of the

parameter file indicated above after a parameter file listed below has been downloaded to the corresponding MCU.

R8C/54E: R5F21547E.pr5 (for the R5F21547E)

R8C/54F: R5F21547F.pr5 (for the R5F21547F)

R8C/54G: R5F21547G.pr5 (for the R5F21547G)

R8C/54H: R5F21547H.pr5 (for the R5F21547H)

R8C/56E: R5F21567E.pr5 (for the R5F21567E)

R8C/56F: R5F21567F.pr5 (for the R5F21567F)

R8C/56G: R5F21567G.pr5 (for the R5F21567G)

R8C/56H: R5F21567H.pr5 (for the R5F21567H)

There is no problem unless an error occurs when using the parameter file indicated under "Parameter Files Concerned" after using a parameter file other than in the combinations listed above.

4. Workaround

(1) When the given MCU is the R5F21357C or R5F21367C

Use the parameter file (R5F21387C.pr5) for the R5F21387C.

(2) When the given MCU is the R5F21358C or R5F21368C.

Use the parameter file (R5F21388C.pr5) for the R5F21388C.

5. Schedule for Fixing the Problem

This problem will be fixed in PR5-R8C3X V1.06, the next version of the parameter file (which will be released in April, 2015).

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