1. Errors Occurring When Commands are Executed in the Boot Mode (USB Interface) of Products of the RX64M and RX71M Groups

1.1 Related Version
V3.00.00

1.2 Applicable MCUs
RX64M and RX71M groups

1.3 Description
The following error will occur if commands such as writing are executed while a target MCU is connected if the MCU is in boot mode (with the USB interface).

Error (E100000D): A flow error occurred in the device. (Response 34:C3)

1.4 Provisional Countermeasure
Use V2.05.02 or V2.05.03 (to be released in March, 2016) of the Renesas Flash Programmer.

1.5 Schedule for Fixing the Problem
This problem will be fixed in V3.01.00, which is to be released in May, 2016.
2. Self-Diagnosis of the E1 or E20 Emulator Leading to Errors

2.1 Related Version
V3.00.00

2.2 Applicable MCUs
All MCUs which the Renesas Flash Programmer supports.

2.3 Description
Executing the self-diagnosis program for an E1 or E20 emulator while it is connected with V3.00.00 of the Renesas Flash Programmer causes errors.
The following are the log entries relating to errors in the self-check program.

[Result of TEST1] FAIL (Error 1103)
[Error Detail] Internal module check has failed.

Facilities other than self-diagnosis (flash programming and debugging) will operate correctly.

Supplementary Note:
Connection of the V3.00.00 Renesas Flash Programmer to an E1 or E20 emulator leads to overwriting of the firmware in the emulator. This leads to errors when the self-diagnosis program for the emulator is executed.

2.4 Provisional Countermeasure
Restore the firmware of the emulator to its original state by following the procedure below. Run the self-diagnosis program and check for normal termination. After confirming normal termination, use the V3.00.00 Renesas Flash Programmer.

Use V2.05.02 or V2.05.03 (to be released in March, 2016) of the Renesas Flash Programmer if you need to confirm the normal termination of the self-diagnosis program while the Renesas Flash Programmer is connected and in use.

[Procedure to restore the firmware of the E1 or E20 emulator to its original state]

Obtain the V2.05.02 or V2.05.03 Renesas Flash Programmer from the following URL, and restore the firmware to its original state by working through the steps from a to I.
a. Terminate the self-diagnosis program.
b. Connect the E1 or E20 emulator to the host PC via the USB.
   Do not connect a target system.
c. Start the V2.05.02 or V2.05.03 Renesas Flash Programmer.
d. [Welcome] dialog box
   Create a new workspace: Select "Basic mode".
   Click on [Next].
e. [Create New Workspace] dialog box
   Microcontroller to be used:
   For the RH850 and RL78 Families:
   Select "RH850" and "Generic Boot Device".
   For the RX Family:
   Select "RX" and "Generic Boot Device".
   Input the names of the workspace and project.
   Designate the places where they are to be created.
   Click on [Next].
f. [Communication Interface] dialog box
   Select "E1" or "E20".
   Click on [Next].
g. [Power Supply] dialog box
   Click on [OK].
h. [Mode Pin at Connection] dialog box for the RX Family:
   Click on [OK].
i. [Confirmation(Q1010002)] dialog box
   Click on [OK].
j. [Select emulator] dialog box
   Click on [OK].
k. The firmware of the E1 or E20 emulator will be overwritten.
   The following messages will be displayed in the output panel.
   Adaptor updated successfully
   E1/E20 Config data downloaded.
   Error (E1017025): Target is not powered
   Error (E1010002): Generic device query failed
l. [Communication Interface] dialog box
   Terminate the session of the Renesas Flash Programmer by clicking on [Cancel].

2.5 Schedule for Fixing the Problem
   This problem will be fixed in V3.01.00, to be released in May, 2016.
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