RENESAS Tool News

Notes on Using the Flash Development Toolkit V.4.09 Release 00

When using the Flash Development Toolkit, take note of the following problem:

- When programming the RX220 Group Device in low voltage operation.

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1. Products and Versions Concerned
Flash Development Toolkit V.4.09 Release 00

2. MCU Concerned
RX Family RX220 Group

3. Descriptions
3.1 If the Debug Interface (FINE interface) is used when the RX220 Group device is in low voltage operation, trying communication with the device will cause an improper numerical value set up in the Input Clock field (See NOTE) in the Device Settings dialog box, and Flash Development Toolkit will not be able to communicate with the device.

3.2 If the Boot mode (Serial Communication) is used when the RX220 Group device is in low voltage operation, an improper numerical value will be set up in the Input Clock field.

4. Workarounds
4.1 In the case of 3.1, do not program when the device is in low voltage operation.
Try programming when the operating voltage is more than 2.9V, or during Boot mode (Serial Communication).

4.2 In the case of 3.2, enter 32(MHz) in the Input Clock field in the Device Setting dialog box, and then try programming.

5. Schedule of Fixing Problem

We plan to fix this problem in the Flash Development Toolkit V.4.09
Release 01 (Scheduled to be released in the end of June, 2013).

NOTE: In the Device Settings dialog box, Input Clock field will be
described as:
Enter the CPU crystal frequency for the selected device.