Note on Using Application Leading Tool RX

When using Application Leading Tool RX, take note of the problems on the following points that are described in this note:

1. Settings for clocks in the output code
   (applicable products: RX64M group)
2. Bus settings
   (applicable products: RX64M group)

1. Settings for Clocks in the Output Code (Applicable Products: RX64M Group)
   1.1 Product and Version Concerned
       Application Leading Tool RX V1.04.00
   1.2 MCUs Concerned
       RX Family: RX64M group
   1.3 Description
       There is an error in the output code of the void R_CGC_Create(void) function, which is in the r_cg_cgc.c source file for clock settings. In writing a value to system clock control register 2 (SCKCR2), bit 0 is erroneously set to "0". The correct setting for bit 0 is "1".
   1.4 Workaround
       Modify the setting for SCKCR2 in void R_CGC_Create(void).

       Before modification:
       ---------------------------------------------------------------------
       /* Set UCLK */
       SYSTEM.SCKCR2.WORD = xxxx;
       ---------------------------------------------------------------------

       After modification:
       ---------------------------------------------------------------------
1.5 Schedule for Fixing the Problem
   This problem will be fixed in the next version of Application Leading Tool RX.

2. Bus Settings (Applicable Products: RX64M Group)
2.1 Product and Version Concerned
   Application Leading Tool RX V1.04.00

2.2 MCUs Concerned
   RX Family: RX64M group

2.3 Description
   When setting a separate bus in the interface for bus area settings, the address latch signal (ALE) has to be enabled. The use of a separate bus was originally selectable regardless of the ALE setting.

2.4 Workaround
   Enable ALE.
   If the ALE setting creates a problem, modify the source code which resets the ALE setting after code generation.

2.5 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.