

RENESAS TOOL NEWS on July 16, 2011: 110716/tn1

Device File Updater Specific to the C/C++ Compiler Package for the RX Family Revised to V.1.03

We have released the device file updater V.1.03 for C/C++ compiler package for RX family. (V.1.03 is the first version)

For an overview of device file updaters, see:

<http://www.renesas.com/dfu>

The above URL is one of our global sites.

1. Supporting C/C++ Compiler and Its Versions

The C/C++ compiler package for RX family V.1.00 Release 00 or later

2. Descriptions of Revision

2.1 Modification of Startup Files

We have modified the following startup files that are generated when you create a work space on the integrated development environment High-performance Embedded Workshop using the C/C++ compiler package for RX family V.1.01 Release 00.

- resetprg.c
- vecttbl.c
- vect.h

When we updated the C/C++ compiler package for RX family to V.1.01 Release 00, we changed the name of the first call function to PowerON_Reset in the generated startup files.

(This is the first function to be called following the CPU reset.)

However, this change of function name resulted in a link problem with Peripheral Driver Generator the details of which are provided in the

following URL. (See RENESAS TOOL NEW Ref. No. 110606/tn1 2 (1)).
<http://tool-support.renesas.com/eng/toolnews/110606/tn1.htm>

To avoid this problem, we changed the name of this function to PowerON_Reset_PC which had been used before V.1.00 Release 02. As such, please use the latest device file updater for the Peripheral Driver Generator.

2.2 Added CPU Types

On using with the C/C++ compiler package for RX family V.1.00 Release 01 or earlier, following CPU types have been added.

- RX610
- RX62N
- RX62T
- RX630
- RX63N

You can check the list of CPUs that can be added by the device file updater in "The Product Versions and the Added CPU Types" provided at the following Web page:

<http://www.renesas.com/dfu>

The above URL is one of our global sites.

When used with the C/C++ compiler package for RX family V.1.00 Release 02, this file updater will automatically add RX630 and RX63N as the supported CPU types. It will also update iodef.h file which is generated when you select RX62T.

3. How to Obtain the Product

Download the installer of the device file updater V.1.03 for the C/C++ compiler package for RX family from:

http://www.renesas.com/dfu_download

The above URL is one of our global sites.

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