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Peripheral Driver Generator V.2.00 Published (for the RX600 Series of MCUs)

We have published Peripheral Driver Generator V.2.00. This utility program, which is used for the RX600 Series of MCUs, aids you to create on-chip I/O drivers.

1. About Peripheral Driver Generator

Peripheral Driver Generator is a utility program for generating driver functions that are used to make the settings of peripheral I/O modules created by using a GUI. By calling generated driver functions from the user program, you can make the settings of peripheral I/O modules.

2. Features

Peripheral Driver Generator can easily generate the source code for calling peripheral I/O drivers by using a user-friendly GUI. It also help you escape from making incorrect settings or neglecting settings of peripheral I/O functions.

Peripheral Driver Generator V.2.00 (for the RX600 series) is provided with such a new feature that displays hardware resources and the list of pin functions. So it can be used much easier than the V.1 product. The V.2.00 product also supports more types of peripheral I/O module than V.1; for instance, it supports the DMA controller and the I2C bus.

For a overview of Peripheral Driver Generator, see:

<https://www.renesas.com/pdg>

3. MCUs and Peripheral Functions Supported

Peripheral Driver Generator V.2.00 supports the following MCUs and peripheral I/O modules:

MCUs:

- RX610 group of MCUs

Peripheral I/O modules:

- Clock-generator circuit

- Interrupt control unit (ICU)
- DMA controller (DMAC)
- I/O ports
- 16-bit timer pulse unit (TPU)
- 8-bit timer (TMR)
- Compare match timer (CMT)
- Serial communication interface (SCI)
- I2C bus interface (RIIC)
- A/D converter

After publishing the V.2 product, we continue marketing Peripheral Driver Generator V.1, which is used for the SH/Tiny, H8S/Tiny, H8/300H Tiny, R8C, M16C/62P, and M16C/Tiny series of MCUs.

4. Host System Requirements

Computer: IBM PC/AT or compatible

OS: Windows(R) XP, Windows Vista(R), or Windows(R) 7

NOTICE: The 64-bit editions of Windows(R) XP and Windows Vista(R) are excluded.

5. How to Obtain and Install the Product

Download the installer program of the product from:

https://www.renesas.com/pdg_download

Then execute it. This Web site will be opened from August 6.

The above URL is one of our global sites.

Peripheral Driver Generator V.2 is not the revised product from V.1; they are independent of each other. So the V.2 product cannot be overwritten to V.1. After you have installed V.2 on a PC, you can use V.1 on that PC.

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