

RENESAS TOOL NEWS on March 1, 2013: 130301/tn10

Device Driver for Enabling Clock-Synchronous Serial Communication Using SCI of RX62N Group of MCUs Published

We have published the device driver for enabling clock-synchronous serial communication using the SCI (serial communication interface) of the RX62N group of MCUs. We supply these drivers free of charge.

1. Overview

This device driver is used for enabling clock-synchronous serial communication (3-wired method) between an MCU of the RX62N group used as a clock-synchronous single master device and its slave devices connected with the SCI of the MCU.

As a slave device, any of the following can be used:

- Renesas R1EX25xxx and HN58X25xxx series of SPI Serial EEPROM
For details of these, see:
<https://www.renesas.com/products/memory/eeeprom.html>
- Micron Technology M25P series of Serial Flash memory
- Micron Technology M45PE series of Serial Flash memory

You can download the control middleware programs (the sample programs) for the above slave devices free of charge from our Web sites.

For details, see Section 2.

2. Obtaining Device Drivers and Control Middleware Programs

To obtain the device drivers and the control middleware programs, follow these steps:

(1) Open the following Web page:

https://www.renesas.com/a_serial_flash_driver_app_notes
(Page for the serial flash memory driver)

You see the list of titles of Application Notes and that of sample codes.

(2) Search the list for the application note of the product you want.

The names of the products and their application notes are as follows.

They will be published on this March 5.

- Device driver for enabling clock-synchronous serial communication using SCI of RX62N group
"RX62N Group Clock Synchronous Single Master Control Software Using the SCI"

- Renesas Electronics R1EX25xxx and HN58X25xxx Series Serial EEPROM Control Middleware
"Renesas R1EX25xxx Series Serial EEPROM Control Software"

- Micron Technology M25P Series Serial Flash memory Control Middleware
"Micron Technology M25P Series Serial Flash memory Control Software"

- Micron Technology M45PE Series Serial Flash memory Control Middleware
"Micron Technology M45PE Series Serial Flash memory Control Software"

(3) Click the link to Sample Program in the Project Files column on the right of the above title.

(4) Read through AGREEMENT; then click Agree.

(5) From the Download page, download the sample program.

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