

RENESAS TOOL NEWS on March 16, 2015: 150316/tn2

Revision to Two Types of Single-Master Driver for Clock-Synchronous Serial Communications with RX Family MCUs

We have revised the following two types of single-master driver for clock-synchronous serial communications with RX family MCUs.

- From V.2.01 Release 05 to V.2.02 Release 00: Software for controlling clock-synchronous single-master serial communications through the SCI in MCUs of the RX210, RX21A, RX220, RX63N, RX63T, and RX111 groups
- From V.2.04 Release 04 to V.2.05 Release 00: Software for controlling clock-synchronous single-master serial communications through the RSPI in MCUs of the RX210, RX21A, RX220, RX63N, RX63T, and RX111 groups

These device drivers are supplied free of charge.

For an overview of the software configuration, visit our web pages at the following URLs and refer to the block diagrams.

These pages are to be updated on March 19.

SPI Serial EEPROM Driver:

https://www.renesas.com/driver/spi_serial_eeprom

SPI/QSPI Serial Flash Memory, QSPI Serial Phase Change Memory Driver:

https://www.renesas.com/driver/spi_serial_flash

1. Description of Revision

- The RX64M group is newly supported.
- API functions for full-duplex transfer have been added.

2. Obtaining the Product

To obtain the application note and sample code, follow the steps below.

(1) Access either of the following Web pages.

SPI Serial EEPROM Driver:

https://www.renesas.com/a_eeprom_driver_app_notes

SPI/QSPI Serial Flash Memory, QSPI Serial Phase Change Memory Driver:

https://www.renesas.com/a_serial_flash_driver_app_notes

You will see a list of titles of application notes and sample code.

(2) Select RX Family in the "Select by Products" box and click on "Search by Products".

Only the application notes for the RX Family will be listed.

(3) In the list, find the application note for the product you want. The name of the products and the titles of the application notes are as follows.

(a) RX210, RX21A, RX220, RX63N, RX63T, RX111, RX64M Group Clock Synchronous Single Master Control Software Using the SCI

(b) RX210, RX21A, RX220, RX63N, RX63T, RX111, RX64M Group Clock Synchronous Single Master Control Software Using the RSPI

(4) Click on the hyperlink in the "Project Files" column of the given application note. After that, click on "Download" on the "Download" page.

(5) Log in to MY RENESAS.

(6) Confirm the displayed "Notes" and click on "Agree", then download the sample program.

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