

RENESAS TOOL NEWS on March 01, 2015: 150301/tn4

Launch of Software for Controlling Single-Master Serial Communications through the RIIC Interfaces of RX Family MCUs

We have launched V.1.13 Release 00 of software for controlling single-master serial communications through the I²C bus interface (RIIC) of RX600 and RX200 series MCUs.

This software is supplied free of charge. For details of this software, consult the following page.
https://www.renesas.com/driver/i2c_serial_eeprom

Note: While the product is a new release, its version numbers start from that of the above version.

1. Outline

This software is single-master control software to handle two-wire serial communications between the I²C bus interface (RIIC) of a RX600 or RX200 series MCU as the master device and a slave device.

The following are the slave devices for use with this software.

I²C Serial EEPROM from Renesas: R1EX24xxx, R1EV24xxx and HN58X24xxx series

Refer to Section 2 for details of the supported master devices.

For an overview of the software configuration, visit our web page at the following URL and refer to the block diagram.

https://www.renesas.com/driver/i2c_serial_eeprom

2. Supported MCUs and Serial Interface

The supported MCUs and serial interfaces to be used are as follows.

- Supported MCUs

 - RX Family: RX63N, RX63T, RX62N, RX210, and RX21A Groups

- Serial Interface

RIIC I²C bus interface

3. Obtaining the Product

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

(1) Access the page at the following URL.

https://www.renesas.com/driver/i2c_eeprom/app_notes

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

(2) In the list, find the application note for the product you want.

The name of the product and the title of the application note are as follows.

RX600, RX200 Series I²C Bus Single-Master Control Software Using
RIIC Serial Interface

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

(4) Log in to MY RENESAS.

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

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