

RENESAS TOOL NEWS on July 16, 2011: 110716/tn8

Middleware for Controlling the M45PE Series Serial Flash Memory (Fabricated by Micron Technology) Now Available

We have launched the middleware for controlling the M45PE series of Serial Flash memory (fabricated by Micron Technology). The product is supplied free of charge. This time, it supports the RX610 group, RX family of MCUs, and we plan to further upgrade it to support a wide variety of MCUs.

1. Outline

The middleware, a sample program, controls the reading, writing, and erasing of serial flash memory by using the MCU's clock synchronous serial I/O. For systems on which the following devices are mounted, you can use it to control the slave devices:

Slave device: M45PE series of Serial Flash memory
(fabricated by Micron Technology)

Master device: Supported MCU

To use the middleware, you need the clock synchronous single master device driver for the master device in the SPI mode.

We supply this driver by family or by group of supported MCUs free of charge. For details, see Section 2.

For an overview of the product, visit our Web site at:

http://www.renesas.com/driver/serial_flash

The above URL is one of our global sites.

2. Supported MCUs

The RX610 group, RX600 series, RX family of MCUs are supported, and

for these MCUs, the clock synchronous single master device driver is supplied. The driver name is:

Clock synchronous single master device driver using SCI
for RX610 group

3. Obtaining the Product

To obtain the product, follow these steps:

(1) Click Application Notes and Sample Code at the upper left of the Serial Flash Driver page at:

http://www.renesas.com/driver/serial_flash

You see the list of titles of Application Notes and Sample Code.

The above URL is one of our global sites.

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

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

Middleware for controlling M45PE series Serial Flash memory
(fabricated by Micron Technology):

"Micron Technology M45PE Series Serial Flash memory
Control Software"

Clock synchronous single master device driver using SCI
for RX family:

"Clock Synchronous Single Master Device Driver Using SCI
for RX Family"

(3) Click the hyperlink to Sample Program next to the application note you want.

(4) Read through AGREEMENT that appears; then click Agree. The sample program can be downloaded.

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