RENESAS Tool News

RENESAS TOOL NEWS on June 1, 2009: 090601/tn6

A Note on Using the Flash Programmer HS0008EASF4H and Notification of Modifying Specifications

Please take note of the problem described in Section 2 in using the flash programmer HS0008EASF4H, and of the modification made to its specifications also stated in Section 3.

For information on the HS0008EASF4H, refer to here.

1. Product Concerned

The flash programmer HS0008EASF4 for the SuperH, H8SX, H8, and H8 families of MCUs is concerned.
Note that the modification stated below is made to the specifications of the flash programmer only; not those of the Flash.exe file and the Flash Development Toolkit used in combination with this flash programmer.

2. Problem

When the HS0008EASF4H flash programmer is used to program the on-chip flash memory of the target MCU, the flash programmer sends the High-state reset signal to the MCU on the user board in the initial state before programming and then the MCU enter the user mode. At this time, the MCU may become unstable.

To resolve this problem, we have modified the specifications of the HS0008EASF4, and introduced a new product, which has the modified specifications, to the lineup of our flash programmers.

3. Modification Made to the Specifications

We have made a modification to the specifications of the HS0008EASF4 and according to this modification, we have given a new name HS0008EASF5H to the product having the modified specifications.
The modification made is to introduce Control Sequence 2 in addition to Control Sequence 1. The control sequences performed in the HS0008EASF4H and the HS0008EASF5H are different as follows:

- In HS0008EASF4H (previous):
  Control Sequence 1 only performed.
- In HS0008EASF5H (new):
  Control Sequence 2 performed in addition to Control Sequence 1.
  Which control sequence is performed is determined by the setting of a DIP switch within the body of the programmer.

(1) Control Sequence 1

In the initial state before programming, the flash programmer sends the High-state reset signal to the MCU. At this time, the signal outputted by the flash programmer to set the programming board to the programming mode is in the Hi-impedance state, so the mode to which the programming board has already been set is effective; the MCU starts running in this mode.
After programming, the MCU returns to the user mode by pressing the switch on the flash programmer.

(2) Control Sequence 2

In the initial state before programming, the flash programmer sends the Low-state reset signal to the MCU, and the MCU enters the reset state.
After programming, the MCU returns from the programming state to the reset state by pressing the switch on the flash programmer.
Note that the MCU on the programming board cannot enter the user mode when the flash programmer is connected to the programming board.

4. Marketing of the HS0008EASF5H

We are going to begin marketing of the HS0008EASF5H at the end of September 2009.
After starting marketing of the HS0008EASF5H, we will discontinue marketing of the HS0008EASF4H. However, technical inquiries about the HS0008EASF4H are acceptable, so ask us at csc@renesas.com (our contact center) by e-mail.

5. Modification of the HS0008EASF4H

If you are using the HS0008EASF4H and wish to use the function of Control Sequence 2, we will modify it free of charge so that you can use the above function in the modified HS0008EASF4H. How to apply for and the items related to the modification are as follows.

Notice

This modification does not remodel your HS0008EASF4H to the equivalent of the HS0008EASF5H, where either Control Sequence 1 or 2 is selectable. The modified product is considered to be a revised product of the HS0008EASF4H, so it is not renamed.

Though we modify your product, if your product does not work properly or has any faults to repair, an additional charge will be made for repairing it.

(1) How to apply for the modification

Fill in the Modification of HS0008EASF4H Application Form and send it to your local Renesas Technology sales office or distributor. The application form is appended to the ending of this news.

(2) Effective date of application

Acceptable from June 15, 2009, to December 29, 2009, inclusive. If circumstances prevent you from sending your application form in this period, please contact your local Renesas Technology sales office or distributor.

(3) Delivery of the modified product

We will ship back your product upon modifying it. To modify your product, it takes about 10 working days except for the transportation period.

Be aware that we will not be able to supply you with another product for the period of time of modification.

-------- Modification of HS0008EASF4H Application Form ------STARTED------

Send To:
Renesas Solutions Corp.
Via Renesas Technology sales office,
Renesas Solutions Corp.
Section in charge of application for modification of HS0008EASF4H

Effective Date of Application:
From June 15, 2009, to December 29, 2009, inclusive

Modification of HS0008EASF4H Application Form

Date:

Product Information
Product Type: HS0008EASF4H
Serial Number:
(Be sure to enter the serial number of yours.)

Purchase Date:

From:
Customer Company:
Customer Section:
Customer Contact Person:
Address:
City State Zip/Postal Code
Country/Region
E-mail address:

Phone No.:

Message:

(1/1)

-------- Modification of HS0008EASF4H Application Form -------ENDED-------

---