

Microcontroller Technical Information

<p>V850 Real-Time OS RX850V4 (for English/Japanese Version Windows) Upgrade</p>	Document No.	ZMT-F35-10-0004	1/3	
	Date issued	January 18, 2011		
<p>Related documents</p> <p>RX850V4 Ver. 4.22 Functionalities: U16643EJ5 (5th) RX850V4 Ver. 4.22 Internal Structure: U16644EJ2 (2nd) RX850V4 Ver. 4.22 Task Debugger: U16811EJ2 (2nd) AZ850V4 Ver. 4.10 System Performance Analyzer: U17093EJ2 (2nd) RX Series Start for CubeSuite: U20044EJ1 (1st) RX850V4 Ver. 4.41 Coding for CubeSuite: U20044EJ1 (1st) RX850V4 Ver. 4.41 Debug for CubeSuite: U20045EJ1 (1st) RX850V4 Ver. 4.30 Analysis for CubeSuite: U19439EJ1 (1st) RX850V4 Ver. 4.41 Internal Structure for CubeSuite: U20046EJ1 (1st) RX Series Message for CubeSuite: U20042EJ1 (1st) RX850V4 Ver. 4.42 Operating Precautions: ZUD-F35-10-0051</p>	Issued by	MCU Tool Product Marketing Department MCU Software Division MCU Business Unit Renesas Electronics Corporation		
	Document classification		Usage restriction	
		√	Upgrade	
			Document modification	
		Other notification		

1. Target product and version

Product	Outline	Old Version	New Version
μSxx17RX703000V4-yyyy	V850 real-time OS RX850V4	Ver. 4.41	Ver. 4.42

Note xx indicates AB or BB, and yyyy indicates 001, 100K, 001M, 010M, or S01.

2. Upgrade details

The major revisions in RX850V4 Ver. 4.42 are shown below. For details, see *V850 Real-Time OS RX850V4 Ver. 4.42 Operating Precautions* (ZUD-F35-10-0051) supplied with the product.

- (1) The supported Windows versions have been changed.
- (2) CubeSuite Ver. 1.40 is now supported.
- (3) CX Ver.1.10 is now supported.

3. How to upgrade

- If the CD is not required and you are using CubeSuite: Free upgrade

Download and install the software by using the CubeSuite Update Manager. When using this method, the CD will not be delivered and the upgrade is free of charge.

To start the CubeSuite Update Manager, perform the following procedure:

Click **Start, NEC Electronics CubeSuite**, and then select **CubeSuite Update Manager**.

To use the CubeSuite Update Manager, CubeSuite must be installed.

The license key provided with the purchased RX850V4 is required.

- If the CD is not required and you are using PM+: Free upgrade

Download the software from the **Development Tools Download** webpage. When using this method, the CD will not be delivered and the upgrade is free of charge.

URL: English version: <http://www2.renesas.com/micro/en/ods/> → Click **Version-up Service**.

Japanese version: <http://www2.renesas.com/micro/ja/ods/>

Online user registration is required before using the above service. Access the URL for online user registration and enter the required items in the registration form, by following the instructions on the page. See the online user registration card for details.

- If the CD is required for the CubeSuite or PM+ environment: Charged upgrade

Fill in the essential items in the attachment *Application for Software Product Charged Upgrade* and send it to a Renesas distributor or sales representative. When using this method, a fee will be charged for the upgrade and the CD will be delivered.

The part number to be entered in the form depends on the purchased product. The correspondence between the purchased product and the part number after upgrade is as follows:

Purchased Product	Part Number for Charged Upgrade
μ SAB17RX703000V4-001	μ SAB17RX703000V4-001-S
μ SAB17RX703000V4-100K	μ SAB17RX703000V4-100K-S
μ SAB17RX703000V4-001M	μ SAB17RX703000V4-001M-S
μ SAB17RX703000V4-010M	μ SAB17RX703000V4-010M-S
μ SAB17RX703000V4-S01	μ SAB17RX703000V4-S01-S
μ SBB17RX703000V4-001	μ SBB17RX703000V4-001-S
μ SBB17RX703000V4-100K	μ SBB17RX703000V4-100K-S
μ SBB17RX703000V4-001M	μ SBB17RX703000V4-001M-S
μ SBB17RX703000V4-010M	μ SBB17RX703000V4-010M-S
μ SBB17RX703000V4-S01	μ SBB17RX703000V4-S01-S

4. Upgrade start date

(1) Free upgrade (without the CD, CubeSuite)

The upgraded product has been downloadable and installable by using the CubeSuite Update Manager since January 11, 2011.

(2) Free upgrade (without the CD, PM+)

The upgraded product has been downloadable from the website since January 11, 2011.

(3) Charged upgrade (with the CD, CubeSuite or PM+)

From January 11, 2011

Charged Upgrade

Application for Software Product Charged Upgrade

Customers wishing to upgrade the product by using the charged upgrade (with the CD) are requested to fill out the following form and send it to a *Renesas Electronics distributor or sales representative*.

Upgrade Product	Version
RX703000V4 (for Windows)	Ver. 4.42

Application cut-off date: April 11, 2011

To be filled in by customers

Part number	μ S___17RX703000V4-
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* Write the *part number of charged upgrade product* corresponding to the part number of the product being used. If you have purchased multiple licenses, be sure to write S and numbers after the hyphen.

Serial number (10 digits)	
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* Write the 10-digit serial number indicated on the program product license or the CD case of the product. If you already upgraded your product, you received a new serial number. However, write the *serial number provided when you first purchased the product* in the above column.

Company name	
Department name	
Name of applicant	
E-mail address	
Date of application	

To be filled in by the distributor or Renesas Electronics sales representative

Name of distributor	
Person in charge	
Date of application	
Ordering code	

* The ordering code is required for the charged upgrade. Fill in the code that was used for inputting the order.