

Microcontroller Technical Information

<p style="text-align: center;">RX78K0R 78K0R Real-Time OS (for English/Japanese Version Windows) Upgrade</p>	Document No.	ZBG-CD-09-0006	1/2
	Date issued	February 12, 2009	
	Issued by	Development Tool Solution Group Multipurpose Microcomputer Systems Division Microcomputer Operations Unit NEC Electronics Corporation	
<p>Related documents</p> <p>RX78K0R Ver. 4.30 Functionalities: U18317EJ3 (3rd) RX78K0R Ver. 4.10 Internal Structure: U18318EJ2 (2nd) RX78K0R Ver. 4.10 Task Debugger: U18454EJ2 (2nd) AZ78K0R Ver. 4.00 System Performance Analyzer: U18802EJ1 (1st) RX Series Start for CubeSuite: U19428EJ1 (1st) RX78K0R Ver. 4.30 Coding for CubeSuite: U19443EJ1 (1st) RX78K0R Ver. 4.30 Debug for CubeSuite: U19446EJ1 (1st) RX78K0R Ver. 4.30 Analysis for CubeSuite: U19448EJ1 (1st) RX78K0R Ver. 4.30 Internal Structure for CubeSuite: U19453EJ1 (1st) RX Series Message for CubeSuite: U19433EJ1 (1st) RX78K0R Ver. 4.30 Operating Precautions: ZUD-CD-09-0003</p>	Document classification		Usage restriction
		√	Upgrade
			Document modification
			Other notification

1. Product types and version

Product	Outline	Old Version	New Version
μSxx17RX78K0R-yyyy	78K0R real-time OS RX78K0R	Ver. 4.20	Ver. 4.30

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

2. Upgrade details

The major revisions in RX78K0R Ver. 4.30 are shown below. For details, see *78K0R Real-Time OS RX78K0R Ver. 4.30 Operating Precautions* (ZUD-CD-09-0003) supplied with the product.

- (1) Removal of one usage restriction
- (2) Support of integrated development environment CubeSuite

3. How to upgrade

- When CD-ROM medium is not required: Free upgrade

Download the software from the Development Tools Download webpage. When using this method, the supply medium will not be delivered but the upgrade is free of charge.

URL: English version: <http://www.necel.com/micro/en/ods/> → Click “Version-up Service”.

Japanese version: <http://www.necel.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.

- When CD-ROM medium is required: Charged upgrade

Fill in the essential items in the attachment “Application for Software Product Charged Upgrade” and submit it to a distributor or NEC Electronics sales representative. When using this method, a fee will be charged for the upgrade and the CD-ROM medium will be delivered.

The part number to be entered in the form varies depending 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 SAB17RX78K0R-001	μ SAB17RX78K0R-001-S
μ SAB17RX78K0R-100K	μ SAB17RX78K0R-100K-S
μ SAB17RX78K0R-001M	μ SAB17RX78K0R-001M-S
μ SAB17RX78K0R-010M	μ SAB17RX78K0R-010M-S
μ SAB17RX78K0R-S01	μ SAB17RX78K0R-S01-S
μ SBB17RX78K0R-001	μ SBB17RX78K0R-001-S
μ SBB17RX78K0R-100K	μ SBB17RX78K0R-100K-S
μ SBB17RX78K0R-001M	μ SBB17RX78K0R-001M-S
μ SBB17RX78K0R-010M	μ SBB17RX78K0R-010M-S
μ SBB17RX78K0R-S01	μ SBB17RX78K0R-S01-S

4. Upgrade start date

- (1) Free upgrade (without CD-ROM medium)

The upgraded product will be downloadable from the website from February 16, 2009.

- (2) Charged upgrade (with CD-ROM medium)

From February 5, 2009

Application for Software Product Charged Upgrade

Customers wishing to upgrade the product by “Charged upgrade (with CD-ROM medium)” are requested to fill out the following form and submit it to a **distributor** or **NEC Electronics sales representative**.

Upgrade Product	Version
RX78K0R (for Windows)	Ver. 4.30

Application cut-off date: June 30, 2009

[To be filled in by customers]

Part No. of charged upgrade product	μ S___17RX78K0R-
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* Write the part number of charged upgrade product corresponding to the part number of the product being used. If two or more licenses have been purchased, be sure to write S and numbers after the hyphen.

Serial No. (10 digits)	
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* Write the 10-digit serial number indicated on the program product license or the CD-ROM case of the product. If the product has already been upgraded, a new serial number has been provided. However, write the serial number provided when the product was first purchased 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 NEC 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.