Microcontroller Technical Information

		Document No.	ZBG-CD-09-0036		1/2
Real-Time OS RX78K0R, RX850 Pro, RX850V4 Upgrade		Date issued	June 30, 2009		
		Issued by	Development Tool Solution Group Multipurpose Microcomputer Systems Division Microcomputer Operations Unit NEC Electronics Corporation		
Related documents		Document classification		Usage restriction	
			√	Upgrade	
				Document modification	
				Other notification	

1. Target products and versions

Product	Outline	Old Version	New Version
μSxx17RX78K0R-yyyy	78K0R real-time OS RX78K0R	Ver. 4.30	**Note**
μSxx17RX703100-yyyy	V850 real-time OS RX850 Pro	Ver. 3.30	**Note**
μSxx17RX703000V4-yyyy	V850 real-time OS RX850V4	Ver. 4.30	Ver. 4.30 Rev. 2

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

Note The package itself is not upgraded. Only the plug-in for setting up building using the real-time OS in the CubeSuite environment (common section), which is included in RX78K0R Ver. 4.30, will be upgraded from Ver. 1.00 to Ver. 1.01.

2. Upgrade details

  The major revisions in each product are shown below. For details, see the descriptions displayed in the CubeSuite Update Manager window.

- RX78K0R

  The following restriction related to CubeSuite has been removed. For details, see *78K0R Real-Time OS RX78K0R Usage Restrictions* (ZBG-CD-09-0035).

  No. 1 Restriction that the **Help** menu cannot be opened from a message by using the F1 key

- RX850 Pro

  The following restriction related to CubeSuite has been removed. For details, see *V850 Real-Time OS RX850 Pro Usage Restrictions* (ZBG-CD-09-0034).

  No. 1 Restriction that the **Help** menu cannot be opened from a message by using the F1 key

- RX850V4

  The following restrictions related to CubeSuite have been removed. For details, see *V850 Real-Time OS RX850V4 Usage Restrictions* (ZBG-CD-09-0024).

  No. 1 Restriction that the **Help** menu cannot be opened from a message by using the F1 key

  No. 2 Restriction that the task information on the **Realtime OS Resource Information** panel is not displayed correctly

3. How to upgrade

- If the CD is not required: 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:

   Open the Windows **Start** menu, click 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 RX78K0R, RX850 Pro, or RX850V4 is required.

- If the CD is required: We are sorry but there is no CD available for upgrading RX78K0R, RX850 Pro, and RX850V4.

4. Upgrade start date

   The product will be downloadable and installable by using the CubeSuite Update Manager from the end of June 2009.