Microcontroller Technical Information

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(English Windows Version)

Upgrade</td><td>Document No.</td><td colspan="2">ZBG-CD-09-0022</td><td>1/2</td></tr>
<tr><td>Date issued</td><td colspan="3">April 14, 2009</td></tr>
<tr><td>Issued by</td><td colspan="3">Development Tool Solution Group
Multipurpose Microcomputer Systems Division
Microcomputer Operations Unit
NEC Electronics Corporation</td></tr>
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1. Target product and version

Product	Outline	Old Version	New Version
μSBB17SP78K0R	78K0R software package SP78K0R	Ver. 1.10	Ver. 1.20

2. Upgrade details

The major revisions in SP78K0R Ver. 1.20 are shown below. For details, see *78K0R Software Package SP78K0R Ver. 1.20 Operating Precautions* (ZUD-CD-08-0237) supplied with the product.

  (1) Upgrade of components

     PM+, CC78K0R, RA78K0R, ID78K0R-QB, and SM+ for 78K0R

  (2) Removal of usage restriction

     Restriction No. 1 described in *SP78K0R 78K0R Software Package Usage Restrictions* (ZBG-CD-08-0051) has been removed.

3. How to upgrade

- When the CD is not required: Free upgrade

  Download the upgraded software through the Development Tools Download webpage. When using this method, the medium will not be delivered and the upgrade is free of charge.

  URL: http://www.necel.com/micro/en/ods/ → Click "Version-up Service".

- When the CD 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 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
μSBB17SP78K0R	μSBB17SP78K0R-S
μSBB17SP78K0R-5	μSBB17SP78K0R-5-S
μSBB17SP78K0R-10	μSBB17SP78K0R-10-S
μSBB17SP78K0R-20	μSBB17SP78K0R-20-S
μSBB17SP78K0R-50	μSBB17SP78K0R-50-S

4. Upgrade start date

  (1) Free upgrade (without the CD)

    The upgraded product has been downloadable from April 10, 2009.

  (2) Charged upgrade (with the CD)

    April 14, 2009

Application for Software Product Charged Upgrade

Customers wishing to upgrade the product by "Charged upgrade (with the CD)" are requested to fill out the following form and submit it to an **NEC Electronics distributor** or **NEC Electronics sales representative**.

Upgrade Product	Version
SP78K0R (English Windows version)	Ver. 1.20

Application cut-off date: July 24, 2009

[To be filled in by customers]

Part number	µSBB17SP78K0R-

  * Write the <u>part number of charged upgrade product</u> 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)										

  * Write the 10-digit serial number indicated on the program product license or the CD case of the product. If the product has already been upgraded, a new serial number has been provided. However, write the <u>serial number provided when the product was first purchased</u> 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.