Microcomputer Technical Information

1. Product types and version

Product	Outline	Old Version	New Version
μSBB17SM78K0S	78K0S Series system simulator SM78K0S	Ver.2.30	Ver.2.52

Product	Outline	Target Version	
μSBB17SP78K0S	78K0S Series software package SP78K0S	Ver.1.00	

2. Details of upgrade

The major revisions in SM78K0S Ver.2.52 are shown below. For details, refer to "78K0S Series System Simulator SM78K0S V2.52 Operating Precautions (SUD-DT-03-0384-E)" supplied with the product.

(1) Windows XP is now supported. Windows 95 is no longer supported in V2.52 and later.

(2) PM plus is now supported. Project Manager is no longer supported.

(3) The right-click menu has been modified.

(4) A variable, octadecimal, hexadecimal, and negative number can now be specified as a subscript of arrays in windows displaying variables such as the Watch window.
Example) Variable: var[i], octadecimal: var[010], hexadecimal: var[0xab], negative number: var[-6]

(5) The display file save/restore function has been separated into a display file and an environment file.

(6) The color of the frame at the start of a function in the Trace window has been changed to make it easier to see.

(7) The Help menu has been changed to an HTML-format help.

3. How to upgrade

(1) μSBB17SM78K0S

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

    Download the software through ODS (online delivery service). When using this method, the supply medium will not be delivered but the upgrade is free of charge.

    Note Access the following URL.

    http://www.necel.com/micro/ods/eng/

- 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
μSBB17SM78K0S	μSBB17SM78K0S-S
μSBB17SM78K0S-5	μSBB17SM78K0S-5-S
μSBB17SM78K0S-10	μSBB17SM78K0S-10-S
μSBB17SM78K0S-20	μSBB17SM78K0S-20-S
μSBB17SM78K0S-50	μSBB17SM78K0S-50-S

(2) μSBB17SP78K0S

- Free upgrade (without CD-ROM medium)

    Download the upgraded software (SM78K0S) through ODS (online delivery service). When using this method, the CD-ROM medium will not be delivered but the upgrade is free of charge. Since this is an upgrade of only one of the components in the SP78K0S, only the relevant tool is downloaded.

    Note Access the following URL.

    http://www.necel.com/micro/ods/eng/

4. Upgrade petition period

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

       The upgraded product can be downloaded through ODS from November 26, 2003.

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

       From November 25, 2003

| Charged Upgrade | | SBG-DT-03-0286 | Attachment |

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
SM78K0S (English version)	Ver.2.52

Application cut-off date: February 27, 2004

[To be filled in by customers]

Part No. of charged upgrade product	μSBB17SM78K0S-

* 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-ROM 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.