Microcomputer Technical Information

SM850 (Windows English Version) System Simulator for V850 Series Upgrade	Document No.	SBG-DT-03-0087-E	1/2
	Date issued	March 6, 2003	
	Issued by	Microcomputer Group 2nd Solutions Division Solutions Operations Unit NEC Electronics Corporation	
Related documents SM850 Ver.2.50 Operation (U16218EJ1) SM850 Ver.2.50 System Simulator Ver.2.00 or Later External Part User Open Interface Specifications (U14873EJ2) V850 Series System Simulator SM850 V2.51 Operating Precautions (SBG-TT-0209-E)	Document classification		Usage restriction
		√	Upgrade
			Document modification
			Other notification

1. Product types and version

Product	Outline	Old Version	New Version
μSBB17SM703000	V850 Series system simulator SM850	Ver.2.41	Ver.2.51

Product	Outline	Target Version	
μSBB17SP850	V850 Series software package SP850	Ver.2.00	

2. Details of upgrade

The major revisions in SM850 Ver.2.51 are shown below. For details, refer to "V850 Series System Simulator SM850 V2.51 Operating Precautions (SBG-TT-0209-E)" supplied with the product.

(1) Variable search during emulation in the Source window is now supported.

(2) Jump to the allocation address (to the Memory window) by variable selection in the Source window is now supported.

(3) The same variable can now be registered in the Watch window multiple times.

(4) The environment of the Watch window can now be saved and read.

(5) Setting and canceling an access break can now be performed in the Watch window by right-clicking the mouse.

(6) Rewriting the memory during execution in the Memory window has been made much easier.

(7) The environment of the Peripheral I/O register window can now be saved and read.

(8) The Console window has been added. (Command input is now possible.)

(9) The portion at which a value was changed in the Internal RAM can now be highlighted with a color.

(10) When an error message is output, the Help can now be displayed by pressing the [F1] key.

3. How to upgrade

(1) μSBB17SM703000

- 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 attachment 1 "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
μSBB17SM703000	μSBB17SM703000-S
μSBB17SM703000-5	μSBB17SM703000-5-S
μSBB17SM703000-10	μSBB17SM703000-10-S
μSBB17SM703000-20	μSBB17SM703000-20-S
μSBB17SM703000-50	μSBB17SM703000-50-S

(2) μSBB17SP850

- Free upgrade (without CD-ROM medium)

  Download the upgraded software (SM850) 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 SP850, 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 March 3, 2003.

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

  From March 3, 2003

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
SM850 (Windows English Version)	Ver.2.51

Application cut-off date: May 30, 2003

[To be filled in by customers]

Part No. of charged upgrade product	μSBB17SM703000-

* 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)										

* 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	

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