

Microcomputer Technical Information

CP(K), O

SM850 (Japanese Windows Version) System Simulator for V850 Series Upgrade	Document No.	ZBG-CD-05-0011	1/2
	Date issued	February 4, 2005	
	Issued by	Development Tool Group Multipurpose Microcomputer Systems Division 4th Systems Operations Unit NEC Electronics Corporation	
Related documents SM850 Ver. 2.50 Operation User's Manual U16218EJ1V0UM00 SM850 Ver. 2.00 or Later External Part User Open Interface Specifications: U14873EJ2V0UM00 V850 Series System Simulator SM850 V3.00 Operating Precautions: ZUD-CD-04-0123	Document classification		Usage restriction
		√	Upgrade
		Document modification	
		Other notification	

1. Target products and versions

Product	Outline	Old Version	New Version
μSAB17SM703000	V850 Series system simulator SM850	Ver. 2.51	Ver. 3.00
Product	Outline	Target Version	
μSAB17SP850	V850 Series software package SP850	Ver. 3.00/Ver. 3.10	

2. Details of upgrade

The major revisions in SM850 Ver. 3.00 are shown below. For details, refer to "System Simulator SM850 V3.00 Operating Precautions (ZUD-CD-04-0123)" supplied with the product.

[Changes from Ver. 2.51 to Ver. 3.00]

- (1) Addition of multiple-version installation function
- (2) Addition of Environment menu
- (3) Operation in Windows XP has been accelerated.
- (4) Kanji codes and single-byte space can now be used for the folder name.
- (5) '+' and '-' can now be used for the folder and source file names.
- (6) A source file that includes a "-" or "+" in its name can now be specified for the source path.
- (7) An event condition can now be set to arrays and structures.
- (8) The function keys are now valid in the Console window and the expansion windows.
- (9) A script can now be specified when the SM850 is started up.
- (10) The sample programs for the expansion windows have been added. (RunBreakTime and SymInsSpec)
- (11) The *inspect* command has been added.
- (12) AfterDownload has been added to the hook procedure.
- (13) The *-encoding* option has been added to the *watch* command for the command line.
- (14) Kanji code is now supported in the watch windows (Japanese version only).
- (15) The version display can now be copied to the clipboard.
- (16) Error messages have been changed.

- (17) The Find What" area in the Source Search dialog box has been deleted.
- (18) The display start position of the IOR window is now memorized.
- (19) Intel HEX (linear record (32-bit address)) is now supported.
- (20) Calculation of the total time tag per trace data is now supported.

Choose SM850 V2.51 if you are using a Project Manager V5.21 or earlier, and choose SM850 V3.00 if you are using a Project Manager V6.00 or later.

3. How to upgrade

(1) μ SAB17SP850: Free upgrade (without medium)

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

URL: <http://www.necel.com/micro/ods/jpn/>

(2) μ SAB17SM703000

- Free upgrade (without medium)

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

URL: <http://www.necel.com/micro/ods/jpn/>

- Charged upgrade (with medium)

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 SAB17SM703000	μ SAB17SM703000-S
μ SAB17SM703000-5	μ SAB17SM703000-5-S
μ SAB17SM703000-10	μ SAB17SM703000-10-S
μ SAB17SM703000-20	μ SAB17SM703000-20-S
μ SAB17SM703000-50	μ SAB17SM703000-50-S

4. Upgrade start date

(1) Free upgrade (without medium)

The upgraded product can be downloaded through the ODS from January 13, 2005.

(2) Charged upgrade (with medium)

From January 13, 2005

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
SM7030000	Ver. 3.00

Application cut-off date: May 31, 2005

[To be filled in by customers]

Part No. of charged upgrade product	μ SAB17SM703000-
-------------------------------------	----------------------

* 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	
Ordering code	

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