Microcomputer Technical Information

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TW850 (Japanese Windows Version) Performance Analysis Tuning Tool Upgrade	Document No.	ZBG-CD-05-0010	1/3
	Date issued	January 26, 2005	
	Issued by	Development Tool Group	
		Multipurpose Microcomputer Systems Division	
		4th Systems Operations Unit	
Related documents		NEC Electronics Corporation	
TW850 Ver. 1.20 User's Manual U17037EJ1V0UM00	Document classification		Usage restriction
Performance Analysis Tuning Tool TW850 V1.20 Operating Precautions: ZUD-CD-04-0115		√	Upgrade
TW850 Ver. 2.00 User's Manual U17241EJ1V0UM00			Document modification
Performance Analysis Tuning Tool TW850 V2.00 Operating Precautions: ZUD-CD-04-0131			Other notification

1. Target products and versions

Product	Outline	Old Version	New Version
μSAB17TW703000	V850 Series performance analysis tuning tool	Ver. 1.10	Ver. 1.20/Ver. 2.00

Product	Outline	Target Version
μSAB17SP850	V850 Series software package SP850	Ver. 3.00/Ver. 3.10

2. Details of upgrade

The major revisions in TW850 Ver. 1.20 and Ver. 2.00 are shown below. For details, refer to "Performance Analysis Tuning Tool TW850 V1.20 Operating Precautions (ZUD-CD-04-0115)" and "Performance Analysis Tuning Tool TW850 V2.00 Operating Precautions (ZUD-CD-04-0131)" supplied with the product.

[Changes from Ver. 1.10 to Ver. 1.20]

(1) Addition of function transition analysis function

(2) Support of the following naming rules for folders

- Folder name that includes spaces or multi-byte characters can be used
- The case is distinguished
- The long or short path name can be specified

(3) Support of the following naming rules for files

- File name that includes spaces or multi-byte characters can be used
- The case is distinguished
- The long or short path name can be specified

(4) A path name that uses 255 or more characters in its folder and file names can now be read or written.

(5) Build can now be performed normally when automatic generation of the system information table and the system call table file of the RX850 or RX850 Pro are registered in PM plus, and when the file is registered as a source file.

(6) Performance analysis and tuning when the compiler option -Fs is specified can now be performed.

[Changes from Ver. 1.20 to Ver. 2.00]

(1) Addition of multiple-version installation function

(2) Removal of the following restriction

The TW850's trace analysis function cannot be used when the TW850 has been installed in a folder whose name includes a single-byte space

(3) Removal of the following restriction

With a project that uses the ID850NW as the debugger, when a ROMized module or a hex file is specified as the debug target file in the Debugger Settings dialog box of PM+, analysis cannot be performed while an event that controls trace on/off for TW850 is specified.

Choose TW850 Ver. 1.20 if you are using a Project Manager V5.21 or earlier, and choose TW850 Ver. 2.00 if you are using a Project Manager V6.00 or later.

3. How to upgrade

(1) μSAB17SP850

Download the upgraded software through the Online Delivery Service (ODS). When using this method, the CD-ROM medium will not be delivered and the upgrade is free of charge.

Download the software through the ODS.

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

(2) μSAB17TW703000

• Free upgrade (without CD-ROM medium)

Download the software through the ODS.

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

• Charged upgrade (with CD-ROM medium): TW850 Ver. 2.00 only

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
μSAB17TW703000	μSAB17TW703000-S
μSAB17TW703000-5	μSAB17TW703000-5-S
μSAB17TW703000-10	μSAB17TW703000-10-S
μSAB17TW703000-20	μSAB17TW703000-20-S
μSAB17TW703000-50	μSAB17TW703000-50-S

4. Upgrade start date

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

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

   (2) Charged upgrade (with CD-ROM 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
TW7030000	Ver. 2.00

Application cut-off date: May 31, 2005

[To be filled in by customers]

Part No. of charged upgrade product	μSAB17TW703000–

* 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.