

# Microcontroller Technical Information

ID78K0-NS 78K0 Integrated Debugger (for Japanese Version Windows)  Upgrade		Document No.	ZBG-CD-07-0059	1/2
		Date issued	September 6, 2007	
		Issued by	Development Tool Solution Group Multipurpose Microcomputer Systems Division Microcomputer Operations Unit NEC Electronics Corporation	
Related documents	78K0 Integrated Debugger ID78K0-NS Ver. 3.00 Operating Precautions: ZUD-CD-07-0059	Document classification		Usage restriction
			√	Upgrade
				Document modification
				Other notification

## 1. Product types and version

Product	Outline	Old Version	New Version
μSAB17ID78K0-NS	IE-78K0-NS, integrated debugger for IE-78K0-NS and IE-78K0-NS-A	V2.70	V3.00

Product	Outline	Target Version
μSAB17SP78K0	78K0 software package SP78K0	V3.00

## 2. Upgrade details

The major revisions in ID78K0-NS V3.00 are shown below. For details, refer to *78K0 Integrated Debugger ID78K0-NS Ver. 3.00 Operating Precautions* (ZUD-CD-07-0059) supplied with the product.

- (1) Multiple-version installation is now available. As a result, a new version can be installed without uninstalling the older version.
- (2) The following versions of development tool software products are now supported.
  - Assembler: RA78K0 V4.00 or later
  - C compiler: CC78K0 V4.00 or later
  - Project manager: PM+ V6.30 or later

### 3. How to upgrade

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

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

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

- 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
$\mu$ SAB17ID78K0-NS	$\mu$ SAB17ID78K0-NS-S
$\mu$ SAB17ID78K0-NS-5	$\mu$ SAB17ID78K0-NS-5-S
$\mu$ SAB17ID78K0-NS-10	$\mu$ SAB17ID78K0-NS-10-S
$\mu$ SAB17ID78K0-NS-20	$\mu$ SAB17ID78K0-NS-20-S
$\mu$ SAB17ID78K0-NS-50	$\mu$ SAB17ID78K0-NS-50-S

### 4. Upgrade start date

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

The upgraded product has been downloadable through the website from July 23, 2007.

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

From September 20, 2007

**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
ID78K0-NS (for Japanese version Windows)	Ver. 3.00

**Application cut-off date: November 30, 2007**

[To be filled in by customers]

Part No. of charged  
upgrade product $\mu$ SAB17ID78K0-NS-S

\* Write the part number of charged upgrade product corresponding to the part number of the product being used.

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 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.