# Microcontroller Technical Information

| ID78K0S-NS<br>78K0S Integrated Debugger<br>(for English/Japanese Version Windows)<br><br>Upgrade | | Document No. | ZBG-CD-07-0074 | 1/2 |
|---|---|---|---|---|
| | | Date issued | October 18, 2007 | |
| | | Issued by | Development Tool Solution Group<br>Multipurpose Microcomputer Systems Division<br>Microcomputer Operations Unit<br>NEC Electronics Corporation | |
| Related<br>documents | 78K0S Integrated Debugger ID78K0S-NS Ver. 3.00 Operating Precautions: ZUD-CD-07-0130 | Document classification | | Usage restriction |
| | | | √ | Upgrade |
| | | | | Document modification |
| | | | | Other notification |

1. Product types and version

| Product | Outline | Old Version | New Version |
|---|---|---|---|
| $\mu$Sxx17ID78K0S-NS | Integrated debugger for IE-78K0S-NS and IE-78K0S-NS-A | V2.52 | V3.00 |

| Product | Outline | Target Version |
|---|---|---|
| $\mu$Sxx17SP78K0S | 78K0S software package SP78K0S | V2.00 |

**Note**  xx indicates AB or BB.

2. Upgrade details

The major revision in ID78K0S-NS V3.00 is shown below.  For details, refer to *78K0S Integrated Debugger ID78K0S-NS Ver. 3.00 Operating Precautions* (ZUD-CD-07-0130) supplied with the product.

| No. | Changed Specifications |
|---|---|
| 1 | Addition of multiple-version installation function |

3. How to upgrade

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

  Download the latest product from the NEC Electronics website shown below.  When using this method, the supply medium will not be delivered but the upgrade is free of charge.

  After you have downloaded the file, install the product according to the procedure described in the document posted on the same download page.

  URL:  English version:    http://www.necel.com/micro/ods/eng/ → Click "Version-up Service".

  Japanese version:  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 |
| --- | --- |
| $\mu$SAB17ID78K0S-NS | $\mu$SAB17ID78K0S-NS-S |
| $\mu$SAB17ID78K0S-NS-5 | $\mu$SAB17ID78K0S-NS-5-S |
| $\mu$SAB17ID78K0S-NS-10 | $\mu$SAB17ID78K0S-NS-10-S |
| $\mu$SAB17ID78K0S-NS-20 | $\mu$SAB17ID78K0S-NS-20-S |
| $\mu$SAB17ID78K0S-NS-50 | $\mu$SAB17ID78K0S-NS-50-S |
| $\mu$SBB17ID78K0S-NS | $\mu$SBB17ID78K0S-NS-S |
| $\mu$SBB17ID78K0S-NS-5 | $\mu$SBB17ID78K0S-NS-5-S |
| $\mu$SBB17ID78K0S-NS-10 | $\mu$SBB17ID78K0S-NS-10-S |
| $\mu$SBB17ID78K0S-NS-20 | $\mu$SBB17ID78K0S-NS-20-S |
| $\mu$SBB17ID78K0S-NS-50 | $\mu$SBB17ID78K0S-NS-50-S |

4. Upgrade start date

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

      The upgraded product has been downloadable since October 10, 2007.

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

      From November 1, 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 |
|---|---|
| ID78K0S-NS (for English/Japanese version Windows) | Ver. 3.00 |

## Application cut-off date: January 31, 2008

[To be filled in by customers]

| Part No. of charged upgrade product | $\mu$S＿＿17ID78K0S-NS- ＿ -S |
|---|---|

* Write the <u>part number of charged upgrade product</u> 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 <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.