

Microcontroller Technical Information

<p style="text-align: center;">CC78K0S 78K0S C Compiler Package (for English/Japanese Version Windows) Upgrade</p>		Document No.	ZBG-CD-08-0018	1/2
		Date issued	April 10, 2008	
		Issued by	Development Tool Solution Group Multipurpose Microcomputer Systems Division Microcomputer Operations Unit NEC Electronics Corporation	
Related documents	CC78K0S Ver. 2.01 Operating Precautions: ZUD-CD-08-0026	Document classification		Usage restriction
			√	Upgrade
				Document modification
				Other notification

1. Product types and version

Product	Outline	Old Version	New Version
μSXX17CC78K0S	78K0S C compiler package CC78K0S	Ver. 2.00	Ver. 2.01

Product	Outline	Target Version
μSXX17SP78K0S	78K0S software package SP78K0S	Ver. 2.00

XX indicates AB or BB.

2. Upgrade details

The major revision in CC78K0S Ver. 2.01 is shown below.

For details, refer to *CC78K0S Ver. 2.01 Operating Precautions* (ZUD-CD-08-0026) supplied with the product.

(1) Improvement of startup routine initialization processing

The CC78K0S performs initialization of all *saddr* areas at the startup routine to support debuggers and system simulators that can detect read access to the uninitialized memory.

To shorten this initialization time, the initialization target has been changed to the CC78K0S reserved area (0FED8H to 0FEFFH).

3. How to upgrade

- (1) For μ SBB17CC78K0S (English version) and μ SAB17CC78K0S (Japanese version)

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

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

URL: English version: <http://www.necel.com/micro/en/ods/> → Click “Version-up Service”.

Japanese version: <http://www.necel.com/micro/ja/ods/>

- 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
μ SXX17CC78K0S	μ SXX17CC78K0S-S
μ SXX17CC78K0S-5	μ SXX17CC78K0S-5-S
μ SXX17CC78K0S-10	μ SXX17CC78K0S-10-S
μ SXX17CC78K0S-20	μ SXX17CC78K0S-20-S
μ SXX17CC78K0S-50	μ SXX17CC78K0S-50-S

XX indicates AB or BB.

- (2) For μ SBB17SP78K0S (English version) and μ SAB17SP78K0S (Japanese version)

- Free upgrade (when CD-ROM medium is not required)

Download the upgraded software (CC78K0S) from the Development Tools Download webpage. When using this method, the supply medium will not be delivered but the upgrade is free of charge. (Only an upgraded tool of the SP78K0S will be downloaded.)

URL: English version: <http://www.necel.com/micro/en/ods/> → Click “Version-up Service”.

Japanese version: <http://www.necel.com/micro/ja/ods/>

4. Upgrade start date

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

The upgraded product has been downloadable from the website since April 8, 2008.

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

From April 10, 2008

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
CC78K0S (for English/Japanese version Windows)	Ver. 2.01

Application cut-off date: July 31, 2008

[To be filled in by customers]

Part No. of charged upgrade product	μ S__17CC78K0S-
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* 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)	
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* 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.