

CUSTOMER NOTIFICATION

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CP(K), O

78K0 Series Software Package
SP78K0 Ver. 2.00
Operating Precautions

Windows Based

Be sure to read this document before using the product.

CONTENTS

1. PACKAGE		3
2. FUNCTIONAL DESCRIPTION		4
3. INSTALLATION		5
3.1 Notes on Installation.....		5
3.2 Notes on Unstallation		6
3.3 Installation Procedure		7
3.4 Installing Device File		8
3.5 Uninstallation.....		8
4. DOCUMENT LIST		9
4.1 Notes on Documents List.....		9
4.2 Functional Description on Documents List.....		9
5. REVISION HISTORY.....		10
5.1 Revisions from SP78K0 Ver. 1.00 to Ver. 2.00.....		10

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Thank you for purchasing the 78K0 Series software package SP78K0 Ver. 2.00.

This document explains the functions, cautions, and modifications from Ver. 1.00 to Ver. 2.00.

This document describes the points to be noted when using each development tool. Be sure to read this document prior to use.

Refer to the online help or the user's manual of each product for details of the usage and functions of each development tool.

1. PACKAGE

The following development tools can be installed.

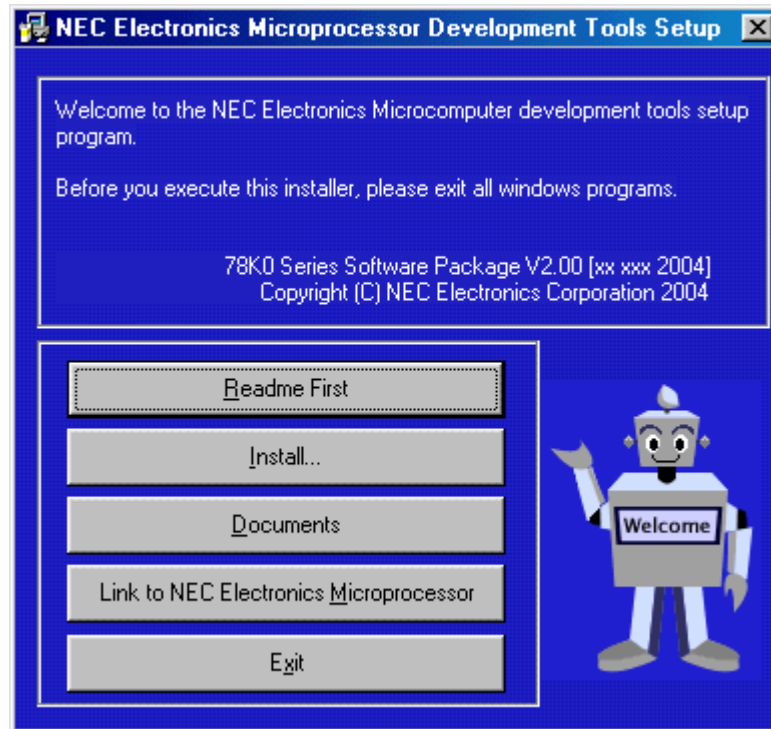
Tools					
PM plus	Ver. 5.10	RA78K0	Ver. 3.60	CC78K0	Ver. 3.50
ID78K0-NS	Ver. 2.52	SM78K0	Ver. 2.52		

Device files					
DF178018	Ver. 1.11	DF178024	Ver. 1.01	DF178048	Ver. 1.00
DF178054	Ver. 1.00	DF178098	Ver. 1.01	DF780001	Ver. 1.00
DF780018	Ver. 1.01	DF78002	Ver. 2.00	DF780024	Ver. 1.02
DF780034	Ver. 1.02	DF780058	Ver. 1.01	DF780066	Ver. 1.00
DF780078	Ver. 1.02	DF780103	Ver. 1.20	DF780114	Ver. 1.20
DF780124	Ver. 1.20	DF780138	Ver. 1.20	DF78014	Ver. 2.11
DF780148	Ver. 1.20	DF780208	Ver. 2.10	DF780228	Ver. 1.00
DF780233	Ver. 1.10	DF78024	Ver. 2.01	DF780338	Ver. 1.01
DF780354	Ver. 1.00	DF78044	Ver. 2.11	DF78054	Ver. 2.21
DF78064	Ver. 2.31	DF780702	Ver. 1.01	DF780703	Ver. 1.00
DF78078	Ver. 2.10	DF780818	Ver. 1.12	DF78083	Ver. 2.10
DF780831	Ver. 1.00	DF780833	Ver. 1.00	DF780835	Ver. 1.00
DF780852	Ver. 1.00	DF780862	Ver. 1.00	DF780908	Ver. 1.00
DF780914	Ver. 1.00	DF780948	Ver. 1.20	DF780955	Ver. 1.02
DF780958	Ver. 1.02	DF780974	Ver. 1.01	DF78098	Ver. 2.00
DF780988	Ver. 1.02	DF780994	Ver. 1.02	DF788002	Ver. 1.00

2. FUNCTIONAL DESCRIPTION

Insert the CD-ROM in the CD-ROM drive. The installer is started automatically.

If it does not start automatically, start the program from Explorer, etc.



(1) Readme First

The contents and cautions included in the CD-ROM are described.

Be sure to read this part before using the product.

(2) Install...

Click here to start installation of each development tool.

For details, refer to **3. INSTALLATION**.

(3) Documents

Manuals of each development tool and attached documents are supplied in PDF files.

When this button is clicked, the WWW browser will start.

Refer to **4. DOCUMENT LIST** for details.

Documents can be downloaded using the [Install...] menu.

(4) Link to NEC Electronics Microprocessor

Clicking this button will start the WWW browser and show the link to the NEC Electronics Microcomputer homepage (http://www.necel.com/micro/index_e.html)

The NEC Electronics Microcomputer homepage provides services such as the latest product information and a development tool FAQ page.

(5) Exit

Terminates setup.

3. INSTALLATION

3.1 Notes on Installation

- (1) Insert the CD-ROM in the CD-ROM drive. The installer is started automatically.
If it does not start automatically, start the program from Explorer, etc.
- (2) Because the computer may have to be restarted when installation is complete, terminate all other applications before starting installation.
- (3) To install the SP78K0 in Windows NT, Windows 2000, or Windows XP, the authority of the administrator is necessary. When using the SP78K0 in these OSs, log in as the administrator.
- (4) To re-install the SP78K0 if it has already been installed, uninstall the first copy of the SP78K0. If the SP78K0 is installed in a directory other than the one in which the first copy was installed, the first copy cannot be uninstalled.
- (5) Do not install the SP78K0 in a directory that has blanks or kanji (2-byte characters); otherwise some development tools may not operate correctly, depending on the version.
- (6) The following file is created after installation. Do not delete this file because it is required for uninstalling (in this example, the installation destination is assumed to be C:\NECTools32\).

C:\NECTools32\SETUP*.*

- (7) The device driver required for connecting the NEC Electronics in-circuit emulator and personal computer cannot be installed by the installer of the SP78K0. Install the device driver in accordance with Readme_e.txt in the following directory.

\ID78K0NS\DRIVER

- (8) In the default status, a device file product is not selected. To install a device file, be sure to select its product name. When not installing a device file, do not check "DeviceFile install"
- (9) SP78K0 Ver. 2.00 cannot be installed in the Japanese Windows environment. If an attempt is made to install SP78K0 Ver. 2.00 in the Japanese Windows environment, a message indicating a file transfer error is displayed and the installation is suspended.
This situation also occurs if Japanese is specified as the system language in the "Regional Settings Properties" tab.

- (10) Upgrade of Microsoft Internet Explorer may be required for referencing the online help when using PM plus, ID78K0-NS, or SM78K0. Install Microsoft Internet Explorer 5.0 or later if the help is not displayed correctly.
- (11) SP78K0 Ver. 2.00 does not include the Project Manager that was included in the SP78K0 Ver. 2.00. Note that the Project Manager will not be uninstalled even if SP78K0 Ver. 2.00 is installed.
- (12) The DF178018 and DF788002 cannot be installed in the same host machine because they contain device files with the same name.
When using these products in the same host machine and changing the device file to be used, remove the device file to be unselected using "UnRegister" and "Delete File" in DFINST, and then re-install the device file to be used.
If execution of "Delete File" is skipped, be sure to select "Overwrite always" for the device file to be installed upon installation.

3.2 Notes on Uninstallation

- (1) Uninstall the development tool by activating "Add /Remove Programs" in the Control Panel.
- (2) Some folders may not be deleted completely depending on the order of uninstallation.
- (3) The files created in the folder in which the development tools and manuals are installed are not deleted automatically when uninstalling SP78K0 Ver. 2.00.
- (4) To uninstall the device file, execute UTIL\DFINST.EXE or activate DFINST registered in [NEC Tools32] in the start menu, and execute [UnRegister].

3.3 Installation Procedure

Selecting [Install...] from “NEC Electronics Microcomputer Development Tools Setup” opens the dialog box shown below.

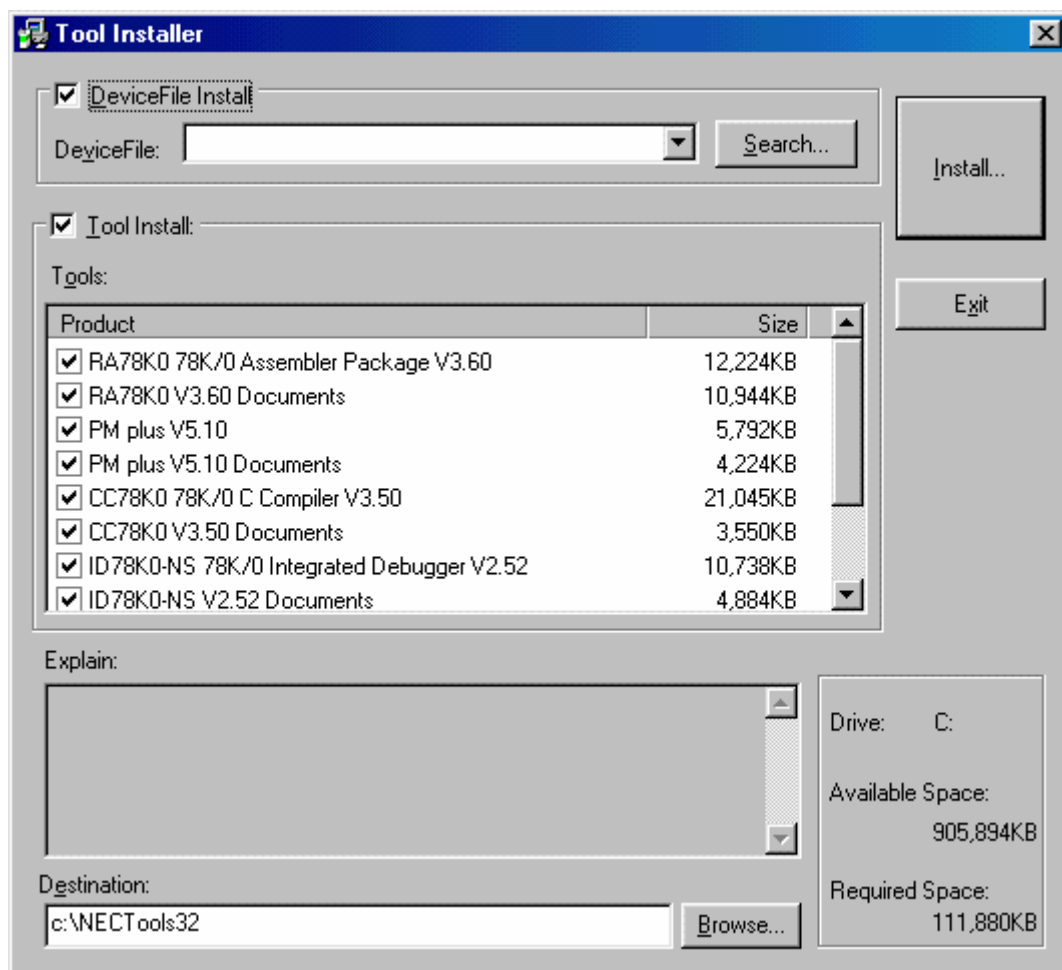
Select the device file and the tool to be installed using the check box.

By selecting [Search...], a device file product can be selected by device name

“Explain” displays an explanation of the selected device file or tool.

To change the installation destination, select [Browse...].

When all the settings are complete, select [Install...] and continue installation by following the directions on the screen.



The product ID is shown on the CD package.

When installing the device file only, clear “Tool Install”, select the device file to be installed, and click [Install...].

3.4 Installing Device File

To install the device file, use the dedicated installer "DFINST" supplied with the SP78K0 or another 32-bit version product. This installer allows the device file to be installed in the Win32 environment.

The installer "SETUP.EXE" on the disk of the device file is compatible with the Win16 environment and registers the device file information in "NECDEV.INI". In the Win32 environment of the SP78K0, be sure to use DFINST because it is necessary to register the device file information in the registry.

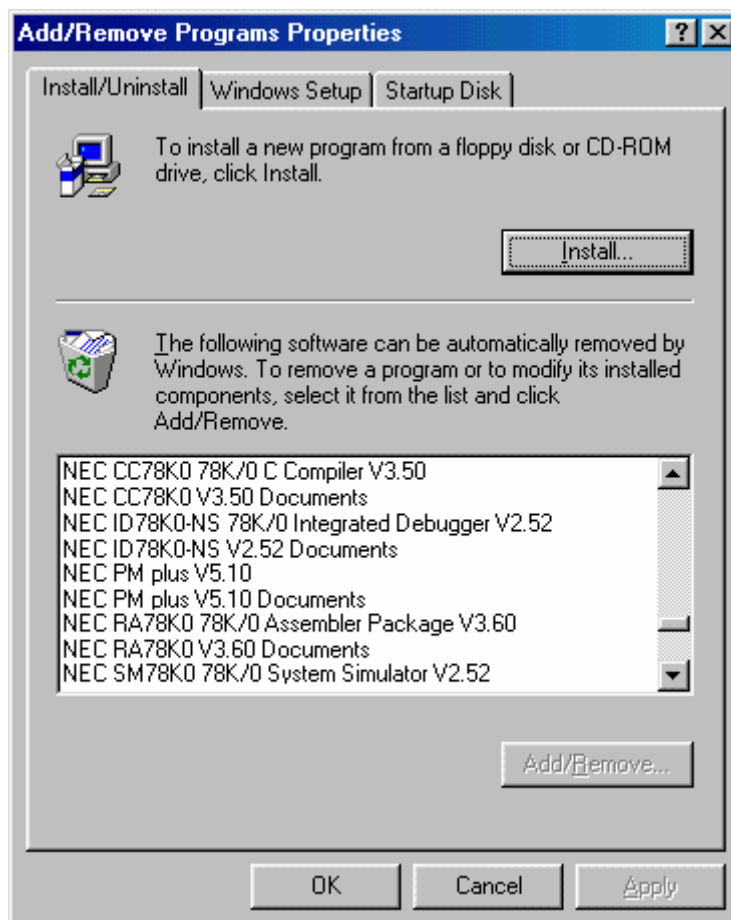
Refer to the online help supplied with DFINST for details of the dedicated installer DFINST.

3.4 Uninstallation

Start "Add/Remove Programs" or "Add/Remove Applications" in the Control Panel.

Select the tool that you want to uninstall from the list displayed in the "Install/Uninstall" tab and click [Add/Remove...].

Continue uninstallation by following the directions on the screen



4. DOCUMENT LIST

4.1 Notes on Document List

Adobe® Reader® is necessary for referencing documents.

Refer to the Adobe Systems Inc. website for details of Adobe Reader.

Inclusion of documents can be selected when SP78K0 Ver. 2.00 is installed.

4.2 Functional Description of Document List

This section explains the functions of the document list.

The screenshot shows a web browser window titled "Document list for SP78K0 - Microsoft Internet Explorer". The browser's menu bar includes "File", "Edit", "View", "Favorites", "Tools", and "Help". Below the menu bar is a navigation bar with a "78K/0 Series" icon and buttons for "SP78K0", "RA78K0", "CC78K0", "ID78K0-NS", "SM78K0", and "DeviceFile".

The main content area displays three sections, each with a sub-header and a table of documents. Each section has a "Top" link.

SP78K0 Section:

	Title	Ver.	Date	Document No.
PDF	SP78K0 Ver.2.00 Operating Precautions		1/19/2004	SUD-DT-04-0019

RA78K0 Section:

	Title	Ver.	Date	Document No.
exe	Documents for RA78K0 (Self-ExtractingFile : compressed the following five pdf files.)			
PDF	Assembler Package Operation	1	June 2003	U16629EJ1V0UM00
PDF	Assembler Package Language	2	July 2000	U14446EJ2V1UM00
PDF	Assembler Package Structured Assembly Language	1	November 1996	U11789EJ1V0UM00
PDF	PM plus	1	July 2003	U16569EJ1V0UM00
PDF	V3.60 Operating Precautions		6/20/2003	SUD-DT-03-0255

CC78K0 Section:

	Title	Ver.	Date	Document No.
exe	Documents for CC78K0 (Self-ExtractingFile : compressed the following three pdf files.)			
PDF	C Compiler Operation	1	June 2003	U16613EJ1V0UM00

PDF

Displays the PDF file.

exe

Downloads the compressed PDF file in self-extracting format from the CD-ROM.

5. REVISION HISTORY

5.1 Revisions from SP78K0 Ver. 1.00 to Ver. 2.00

The revisions from SP78K0 Ver. 1.00 to Ver. 2.00 are shown below.

Refer to the documents of the relevant product for details of the revisions made in each development tool and device file.

[Upgraded products and their versions]

- Project Manager PM Ver. 3.14 → PM plus Ver. 5.10
- RA78K0 Ver. 3.50 → Ver. 3.60
- CC78K0 Ver. 3.30 → Ver. 3.50
- ID78K0-NS Ver. 2.02 → Ver. 2.52
- SM78K0 Ver. 2.11 → Ver. 2.52
- DF178024 Ver. 1.00 → Ver. 1.01
- DF178098 Ver. 1.00 → Ver. 1.01
- DF780024 Ver. 1.00 → Ver. 1.02
- DF780034 Ver. 1.00 → Ver. 1.02
- DF780078 Ver. 1.00 → Ver. 1.02
- DF780233 Ver. 1.01 → Ver. 1.10
- DF78064 Ver. 2.30 → Ver. 2.31
- DF780948 Ver. 1.01 → Ver. 1.20
- DF780958 Ver. 1.01 → Ver. 1.02
- DF780988 Ver. 1.01 → Ver. 1.02
- DF780994 Ver. 1.00 → Ver. 1.02

[Added products and their versions]

- DF178054 Ver. 1.00
- DF780103 Ver. 1.20
- DF780114 Ver. 1.20
- DF780124 Ver. 1.20
- DF780138 Ver. 1.20
- DF780148 Ver. 1.20
- DF780338 Ver. 1.01
- DF780354 Ver. 1.00
- DF780703 Ver. 1.00
- DF780818 Ver. 1.12
- DF780862 Ver. 1.00
- DF788002 Ver. 1.00