Microcomputer Technical Information

DF78064 Device File for 78K0 Series Upgrade		Document No.	ZBG-CD-05-0013	1/2
		Date issued	February 23, 2005	
		Issued by	Development Tool Group Multipurpose Microcomputer Systems Division 4th Systems Operations Unit NEC Electronics Corporation	
Related documents	78K0 Series Device File DF78064 (V2.32) User's Manual: ZUD-CD-05-0007	Document classification		Usage restriction
			√	Upgrade
				Document modification
				Other notification

1. Target products and version

Product	Outline	Old Version	New Version
μSxx13DF78064	Device file for 78K0 Series DF78064	V2.31	V2.32

Product	Outline	Target Version	
μSxx17SP78K0	78K0 Series software package SP78K0	V2.00	

Note xx indicates AB or BB.

2. Details of upgrade

The major revisions in DF78064 V2.32 are shown below. For details, refer to "78K0 Series Device File DF78064 V2.32 User's Manual (ZUD-CD-05-0007)" supplied with the product.

(1) The "break before execution" function in the DF78030x definition file can now operate normally.

(2) Change of SS1 (special SFR information emulation chip) tag for μPD78030x

EMR3 44H $\rightarrow$ 04H (control of accessing EMREAD/EMRDB)

(3) Deletion of the following devices

μPD780303, μPD780303Y, μPD780304, μPD780304Y, μPD780305, μPD780305Y

3. How to upgrade

(1) μSxx13DF78064
- Free upgrade (without medium)

  Download the software through the online delivery service (ODS). 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/eng/   (μSBB13DF78064; English version)
  > http://www.necel.com/micro/ods/jpn/   (μSAB13DF78064; Japanese version)

(2) SP78K0
- Free upgrade (without medium)

  Download the upgraded software (DF78064) through the online delivery service (ODS). When using this method, the medium will not be delivered but the upgrade is free of charge.

  > URL: http://www.necel.com/micro/ods/eng/ (μSBB17SP78K0; English version)
  > http://www.necel.com/micro/ods/jpn/ (μSAB17SP78K0; Japanese version)

4. Upgrade start date

- Free upgrade (Windows version, without medium)

  The upgraded product can be downloaded through the ODS from February 23, 2005.