

# Microcontroller Technical Information

CP(K), O

DF781188 (Previous Name: DF781166) Device Files for 78K0R/KE3, 78K0R/KF3, 78K0R/KG3, 78K0R/KH3, 78K0R/KJ3 Upgrade	Document No.	ZBG-CD-06-0092	1/1
	Date issued	October 27, 2006	
	Issued by	Development Tool Group Multipurpose Microcomputer Systems Division 4th Systems Operations Unit NEC Electronics Corporation	
Related documents DF781188, Device Files for 78K0R/KE3, 78K0R/KF3, 78K0R/KG3, 78K0R/KH3, 78K0R/KJ3 (V3.00) User's Manual: ZUD-CD-06-0187	Document classification		Usage restriction
		√	Upgrade
			Document modification
			Other notification

## 1. Target products and version

Product	Outline	Target Version
μSxx13DF781166	Device files for 78K0R/KE3, 78K0R/KF3, 78K0R/KG3	V2.00
Product	Outline	Target Version
μSxx17SP78K0R	SP78K0R, software package for 78K0R microcontrollers	V1.00

**Note** xx indicates AB or BB.

## 2. Upgrade details

The following points have been changed from DF781166 V2.00 to DF781188 V3.00.

- Addition of the device files for the following devices  
 μPD78F1167, μPD78F1168, μPD78F1174, μPD78F1175, μPD78F1176, μPD78F1177,  
 μPD78F1178, μPD78F1184, μPD78F1185, μPD78F1186, μPD78F1187, μPD78F1188
- Change of the name from DF781166 to DF781188
- Deletion of the following SFR and SFR bit register  
 BCDCYB (SFR)  
 BCDCY (SFR bit register)

## 3. How to upgrade

Download the latest device file from the NEC Electronics website (Development Tools Download (ODS) page). After you have downloaded the file, install the device file according to the procedure described in the document posted on the same download page.

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

## 4. Upgrade start date

The upgraded product can be downloaded through ODS from November 6, 2006.