

# NEC Microcomputer Technical Information

CP(K), O

DF703017 Device File for V850/SA1  Upgrade		Document No.	SBG-TT-0070-E	1/2
		Date issued	February 28, 2002	
		Issued by	Microcomputer Tool Group Sales Engineering Div. NEC Electron Devices NEC Corporation	
Related documents	V850/SA1 Device File DF703017 (V1.03) User's Manual (SBG-TT-0057-E)	Document classification		Usage restriction
			√	Upgrade
				Document modification
				Other notification

## 1. Product types and version

Product	Outline	Old Version	New Version
$\mu$ SxxxxDF703017	V850/SA1 device file DF703017	V1.02	V1.03

**Note** xxxx indicates AB13, BB13, 3K13, 3K15, or 3P16.

## 2. Details of upgrade

### (1) Addition of supported devices

The following devices are now supported.

$\mu$ PD703014B,  $\mu$ PD703014BY,  $\mu$ PD703015B,  $\mu$ PD703015BY,  $\mu$ PD70F3015B,  
 $\mu$ PD70F3015BY

### (2) Deletion of supported devices

The following devices have been deleted from the supported devices.

$\mu$ PD703015,  $\mu$ PD70F3017

### (3) Addition of database files for simulator

### (4) Addition of flash information file

### (5) Addition of reserved word for the peripheral I/O register (flash version only)

FLPMC (0xffff1f4) has been added.

### (6) Addition of bit reserved words for the peripheral I/O register (flash version only)

FLSPM (bit 1 of FLPMC), VPP (bit 2 of FLPMC), and VPPDIS (bit 3 of FLPMC) have been added.

### (7) Modification due to specification change from V1.02

#### <1> Modification of peripheral I/O register R/W attributes

PCC (0xffff074), CSIM1 (0xffff2b2), ASIM0 (0xffff300) and ASIM1 (0xffff310) have been modified.

#### <2> Addition of peripheral I/O register bit reserved word

MFRC (bit 5 of PCC) has been added.

### 3. How to upgrade

The upgrade method differs depending on the product. Select one of the following methods.

(1) Free upgrade (without supply medium)

Download the software through ODS (online delivery system)<sup>Note</sup>. When using this method, the supply medium will not be delivered but the upgrade is free of charge.

**Note** Access the following URL.

<http://www.ic.nec.co.jp/micro/ods/eng>

(2) Charged upgrade (with supply medium)

Contact an NEC distributor or NEC sales representative to order the upgraded product. When using this method, a fee will be charged for the upgrade and the supply medium will be delivered.

The relationship between the purchased product and the part number is as follows.

Purchased Product	Part Number for Charged Upgrade
$\mu$ SxxxxDF703017	$\mu$ SxxxxDF703017-S

**Note** xxxx indicates AB13, BB13, 3K13, 3K15, or 3P16.

### 4. Upgrade petition period

(1) Free upgrade (without supply medium)

The product for upgrade can be downloaded through ODS from February 25, 2002.

(2) Charged upgrade (with supply medium)

From February 25, 2002