# **Microcomputer Technical Information**

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|                              |                              |                |   | Or (IX),              |     |
|------------------------------|------------------------------|----------------|---|-----------------------|-----|
|                              |                              | Document No.   | ZBG-C                                       | CD-05-0109            | 1/1 |
| DF780862                     |                              | Date issued    | November 14, 2005                           |                       |     |
| Device Files for 78K0 Series |                              | Issued by      | Development Tool Group                      |                       |     |
| Upgrade                      |                              |                | Multipurpose Microcomputer Systems Division |                       |     |
|                              |                              |                | 4th Systems Operations Unit                 |                       |     |
|                              |                              |                | NEC Electronics Corporation                 |                       |     |
| Related                      | Device Files for 78K0 Series | Document       |   | Usage restriction     |     |
| documents                    | DF780862 (V1.01) User's      | classification | V   | Upgrade               |     |
|                              | Manual: ZUD-CD-05-0154       |                |   | Document modification |     |
|                              |                              |                |   | Other notification    |     |

#### 1. Target products and version

| Product        | Outline                               | Old Version    | New Version |
|----------------|---------------------------------------|----------------|-------------|
| μSxx13DF780862 | Device files for 78K0 Series DF780862 | V1.00          | V1.01       |
| Product        | Outline                               | Target Version |             |
| μSxx17SP78K0   | 78K0 Series software package SP78K0   | V2.00          |             |

Note xx indicates AB or BB.

## 2. Upgrade details

The major revisions in DF780862 V1.01 are shown below.

- (1) MC0TSF (bit 7) of the MCG status register (MC0STR) has been modified.
- (2) Information of special function registers (SFRs) that are not described in the  $\mu$ PD780862 User's Manual (U16418E) has been deleted.

For details, refer to "Device Files for 78K0 Series DF780862 (V1.01) User's Manual" (ZUD-CD-05-0154) supplied with the product.

## 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/index.html (English version)
http://www.necel.com/micro/ods/jpn/index.html (Japanese version)

### 4. Upgrade start date

The upgraded product can be downloaded through ODS from November 18, 2005.