To our customers,

## Old Company Name in Catalogs and Other Documents

On April 1$^{st}$, 2010, NEC Electronics Corporation merged with Renesas Technology Corporation, and Renesas Electronics Corporation took over all the business of both companies. Therefore, although the old company name remains in this document, it is a valid Renesas Electronics document. We appreciate your understanding.

Renesas Electronics website: http://www.renesas.com

April 1$^{st}$, 2010
Renesas Electronics Corporation

Issued by: Renesas Electronics Corporation (http://www.renesas.com)

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# RENESAS TECHNICAL UPDATE

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Renesas Technology Corp.

| Product Category | MPU&MCU | | Document No. | TN-SH7-A661A/E | Rev. | 1.00 |
|---|---|---|---|---|---|---|
| Title | Defect in User Program Mode | | Information Category | Technical Notification | | |
| Applicable Products | All SH7211, SH7243, SH7285, and SH7286 products | Lot No. | Reference Document | SH7211-Group Hardware Manual Rev.2.00 (REJ09B0344-0200) SH7280-Group Hardware Manual Rev.1.00 (REJ09B0393-0100) | | |
| | | All lots | | | | |

We would like to inform you that a defect in user program mode has been found in all of the following groups: SH7211, SH7243, SH7285, and SH7286. Please take this information into consideration when using these products.

1. Description of the Defect

    During programming/erasing of on-chip flash memory of SH7211, SH7243, SH7285, and SH7286 products, in cases where

    (1) user program mode is in use and

    (2) interrupt processing during programming/erasing is enabled,

    programming/erasing of flash memory may be forcibly halted because of erroneous operation of the error-monitoring

    function of flash memory during execution of said interrupt processing routine, and programming/erasing of flash memory in

    user program mode is thus not completed normally.

2. Preventive Measures

    Do not execute interrupt processing in user program mode.

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