

To our customers,

Old Company Name in Catalogs and Other Documents

On April 1st, 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>

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Renesas Electronics Corporation

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RENESAS TECHNICAL UPDATE

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|--------------------|--|----------|----------------------|--|------|------|
| Product Category | MPU&MCU | | Document No. | TN-SH7-A686A/E | Rev. | 1.00 |
| Title | Correction of SH7785 CPG Hardware Manual | | Information Category | Technical Notification | | |
| Applicable Product | SH7785 Group | Lot No. | Reference Document | SH7785 Hardware Manual Rev.1.0 (REJ09B0261-0100) | | |
| | | All lots | | | | |

The SH7785 CPG Hardware Manual has following errors.

[Summary]

There are some prohibited division ratio of the divider 2 in table 15.8 and table 15.9.

[Correction]

Table 15.8 Selectable Combinations of Clock Frequency (CPU Clock: x1/2, DDR Clock: x1/4) and table 15.9 Selectable Combinations of Clock Frequency (CPU Clock: x1/4, DDR Clock: x1/4) are corrected as following table.

| | Page | FRQMR1 read value | Before Correction | After Correction |
|-------------|------|-------------------|---|---|
| Table 15.8 | p751 | H'1226 244A | Corresponding FRQMR1 Division ratio of divider 2: Available | Corresponding FRQMR1 Division ratio of divider 2: Not Available |
| | | H'1226 246A | | |
| | | H'1226 24AA | | |
| | | H'122A 244A | | |
| | | H'122A 246A | | |
| H'122A 24AA | | | | |
| Table 15.9 | p752 | H'2226 244A | | |
| | | H'2226 246A | | |
| | | H'2226 24AA | | |
| | p753 | H'222A 244A | | |
| | | H'222A 246A | | |
| | | H'222A 24AA | | |

[Note]

The value of the FRQMR1 in above table is illegal. This means the division ratio of corresponding value must not specify to the FRQCR1.

- End of Correction -