

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>

April 1st, 2010
Renesas Electronics Corporation

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

Send any inquiries to <http://www.renesas.com/inquiry>.

RENESAS TECHNICAL UPD

Nippon Bldg., 2-6-2, Ohte-machi, Chiyoda-ku, Tokyo 100-0004, Japan
Renesas Technology Corp.

| | | | | | | |
|--------------------|---|---------|----------------------|---|------|-----|
| Product Category | MPU & MCU | | Document No. | TN-H8*-275A/EA | Rev. | 1.0 |
| Title | Corrections of the H8/3687 Group Hardware Manual in the H8/300H Tiny Series | | Information Category | Correction or Supplement of Document | | |
| Applicable Product | H8/3687 Group | Lot No. | Reference Document | H8/3687 Group Hardware Manual, Rev.4.00 REJ09B0027-0400Z | | |
| | | All | | | | |

We wish to notify you of the following corrections of the H8/3687 Group (H8/3687N, H8/3687, H8/3686, H8/3685, H8/3684, H8/3683, and H8/3682) Hardware Manual in the H8/300H Tiny Series.

1. Table 23.16 MASKROM version A/D Converter Characteristics (page 403 of 474)

[Before correction]

| Item | Symbol | Applicable Pins | Test Condition | Values | | | Unit | Reference Figure |
|----------------------------------|--------|-----------------|---------------------|--------|-----|------|------------------|------------------|
| | | | | Min | Typ | Max | | |
| Conversion time (single mode) | | | AVcc = 3.0 to 5.5 V | 134 | – | – | t _{cyt} | |
| Nonlinearity error | | | | – | – | ±7.5 | LSB | |
| Offset error | | | | – | – | ±7.5 | LSB | |
| Full-scale error | | | | – | – | ±7.5 | LSB | |
| Quantization error | | | | – | – | ±0.5 | LSB | |
| Absolute accuracy | | | | – | – | ±8.0 | LSB | |

[After correction]

| Item | Symbol | Applicable Pins | Test Condition | Values | | | Unit | Reference Figure |
|----------------------------------|--------|-----------------|---------------------|--------|-----|------|------------------|------------------|
| | | | | Min | Typ | Max | | |
| Conversion time (single mode) | | | AVcc = 3.3 to 5.5 V | 134 | – | – | t _{cyt} | |
| Nonlinearity error | | | | – | – | ±7.5 | LSB | |
| Offset error | | | | – | – | ±7.5 | LSB | |
| Full-scale error | | | | – | – | ±7.5 | LSB | |
| Quantization error | | | | – | – | ±0.5 | LSB | |
| Absolute accuracy | | | | – | – | ±8.0 | LSB | |