

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 UPDATE

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Renesas Technology Corp.

Product Category	MPU&MCU		Document No.	TN-H8*-A372A/E	Rev.	1.00
Title	Correction of the operating frequency on the table, Examples of BRR Settings for Various Bit Rates (Asynchronous Mode), in the serial communication interface 3 (SCI3)		Information Category	Technical Notification		
Applicable Product	See below	Lot No.	Reference Document	See below		
		All lots				

We would like to inform you of the correction of the operating frequency on the table, Examples of BRR Settings for Various Bit Rates (Asynchronous Mode), in the serial communication interface 3 (SCI3). This correction applies to the H8/300H Tiny Series of the Renesas 16-bit single-chip microcomputers.

1. Correction

The table, Examples of BRR Settings for Various Bit Rates (Asynchronous Mode), is corrected as follows (shown in the shaded area).

[Before correction]

Bit Rate (bit/s)	Operating Frequency ϕ (MHz)					
	12			12.888		
	n	N	Error (%)	n	N	Error (%)
110	2	212	0.03	2	217	0.08
150	2	155	0.16	2	159	0.00
300	2	77	0.16	2	79	0.00
600	1	155	0.16	1	159	0.00
1200	1	77	0.16	1	79	0.00
2400	0	155	0.16	0	159	0.00
4800	0	77	0.16	0	79	0.00
9600	0	38	0.16	0	39	0.00
19200	0	19	-2.34	0	19	0.00
31250	0	11	0.00	0	11	2.40
38400	0	9	-2.34	0	9	0.00

[After correction]

Bit Rate (bit/s)	Operating Frequency ϕ (MHz)					
	12			12.288		
	n	N	Error (%)	n	N	Error (%)
110	2	212	0.03	2	217	0.08
150	2	155	0.16	2	159	0.00
300	2	77	0.16	2	79	0.00
600	1	155	0.16	1	159	0.00
1200	1	77	0.16	1	79	0.00
2400	0	155	0.16	0	159	0.00
4800	0	77	0.16	0	79	0.00
9600	0	38	0.16	0	39	0.00
19200	0	19	-2.34	0	19	0.00
31250	0	11	0.00	0	11	2.40
38400	0	9	-2.34	0	9	0.00

2. Applicable Products and Reference Documents

Applicable Product				
Series	Group	Reference Document	Rev.	Document No.
H8/300H	H8/3664	H8/3664 Group Hardware Manual	Rev.6.0	REJ09B0142-0600
Tiny Series	H8/3672	H8/3672 Group Hardware Manual	Rev.4.0	REJ09B0143-0400
	H8/3687	H8/3687 Group Hardware Manual	Rev.5.0	REJ09B0027-0500
	H8/3694	H8/3694 Group Hardware Manual	Rev.5.0	REJ09B0028-0500
	H8/36024, H8/36014	H8/36024 Group, H8/36014 Group Hardware Manual	Rev.4.0	REJ09B0025-0400
	H8/36057, H8/36037	H8/36057 Group, H8/36037 Group Hardware Manual	Rev.4.0	REJ09B0026-0400
	H8/36049	H8/36049 Group Hardware Manual	Rev.3.0	REJ09B0060-0300
	H8/36064	H8/36064 Group Hardware Manual	Rev.2.0	REJ09B0068-0200
	H8/36087	H8/36087 Group Hardware Manual	Rev.2.0	REJ09B0160-0200
	H8/36109	H8/36109 Group Hardware Manual	Rev.1.0	REJ09B0240-0100
	H8/36094	H8/36094 Group Hardware Manual	Rev.1.0	REJ09B0268-0100
	H8/36079, H8/36077	H8/36079 Group, H8/36077 Group Hardware Manual	Rev.2.0	REJ09B0216-0200

3. Application Date

Effective on reading