

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>)

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RENESAS TECHNICAL UPDATE

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RenesasTechnology Corp.

Product Category	MPU&MCU		Document No.	TN-H8*-A340A/E	Rev.	1.00
Title	About power supply voltage startup conditional standard addition.		Information Category	Technical Notification		
Applicable Product	H8/38076R Group, H8/38086R Group, H8/38104 Group, H8/38124 Group, H8/38327 Group, H8/38427 Group, H8/38347 Group, H8/38447 Group	Lot No.	Reference Document	Hardware Manual (Details are text reference)		
	H8/38602R Group, H8/38024R Group, H8/38004 Group	All				

The Power supply voltage startup condition is added to DC Characteristics of the hardware manual of the H8/38076R group, H8/38086R group, H8/38104 group, H8/38124 group, H8/38327 group, H8/38427 group, H8/38347 group, H8/38447 group, H8/38602R group, H8/38024R group and H8/38004 group.

Please refer to the following for details.

1. Applicable product

The F-ZTAT products of the H8/38076R group, H8/38086R group, H8/38104 group, H8/38124 group, H8/38327 group, H8/38427 group, H8/38347 group, H8/38447 group, H8/38602R group, H8/38024R group and H8/38004 groups.

(The masked ROM product of each of these groups is not effected).

2. The content below is added to the user manuals shown below in the indicated sections

(1) H8/38076R Group Hardware Manual. (REJ09B0093-0300) 24.4.2 DC Characteristics

(2) H8/38086R Group Hardware Manual. (REJ09B0182-0200) 25.2.2 DC Characteristics

(3) H8/3802,H8/38004,H8/38002S,H8/38104 Group Hardware Manual.
(REJ09B0024-0600) 17.4.2 DC Characteristics, 17.6.2 DC Characteristics,

(4) H8/38024,H8/38024S,H8/38024R,H8/38124 Group Hardware Manual.
(REJ09B0042-0700) 16.4.2 DC Characteristics, 16.8.2 DC Characteristics

(5) H8/3827R Group, H8/3827S Group, H8/38327 Group, H8/38427 Group Hardware Manual.
(REJ09B0144-0500) 15.8.2 DC Characteristics

(6) H8/3847R Group, H8/3847S Group, H8/38347 Group, H8/38447 Group Hardware Manual.
(REJ09B0145-0500) 15.8.2 DC Characteristics

(7) H8/38602R Group Hardware Manual.
(REJ09B0152-0200) 21.2.2 DC Characteristics

Item	Symbol	Applicable Pins	Test Condition	Values			Unit	Notes
				Min.	Typ.	Max.		
Power supply startup voltage	VCCSTART	Vcc		0	-	0.1	V	
Power supply startup slope	SVcc	Vcc		0.05	-	-	V/ms	