

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

RENESAS TECHNICAL UPDATE

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Product Category	MPU&MCU		Document No.	TN-H8*-A342A/E	Rev.	1.00
Title	Spec change in electrical characteristics for H8SX/1582		Information Category	Technical Notification		
Applicable Product	H8SX/1582	Lot No.	Reference Document	H8SX/1582 Hardware Manual Rev. 2.00 (REJ09B0199-0200)		
		All lots				

We would like to inform you of the changes to temperature condition and the addition of Vcc startup in Electrical Characteristics in the H8SX/1582 Hardware Manual.

1. Temperature conditions

[Before change] $T_a = -20^{\circ}\text{C}$ to $+85^{\circ}\text{C}$

[After change] $T_a = -20^{\circ}\text{C}$ to $+85^{\circ}\text{C}$ (consumer applications),

$T_a = -40^{\circ}\text{C}$ to $+85^{\circ}\text{C}$ (industrial applications)

2. DC Characteristic

[Addition]

The condition of Vcc startup is added to Table 21.2 DC characteristic (2).

Item	Symbol	Min.	Typ.	Max.	Unit	Test Conditions
Vcc startup voltage	Vcc pin VccSTART	0	-	0.2	V	
Vcc startup Slope	SVcc	-	-	0.01	V/us	

