

To our customers,

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## Old Company Name in Catalogs and Other Documents

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On April 1<sup>st</sup>, 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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# HITACHI SEMICONDUCTOR TECHNICAL UPDATE

Classification of Production	MPU		No	TN-SH7-418A/E	Rev	1
THEME	<b>Power supplying in hardware standby mode of SH7750R/SH7751R</b>		Classification of Information	① Spec change 2. Supplement of Documents 3. Limitation of Use 4. Change of Mask 5. Change of Production Line		
PRODUCT NAME	SH7750R SH7751R	Lot No.	Reference Documents	SH7750 series Hardware manual SH7751 series Hardware manual	Effective Date	
		ALL			Eternity	

## 1. Content of malfunction

On above product, if power is not supplied to all the power pins except Vdd-RTC (Vdd, Vddq, Vdd-PLL1, Vdd-PLL2) in hardware standby mode, then maximum Idd-RTC current cannot be guaranteed. And, it may shorten the product life.

## 2. Workaround

Power should be supplied to all the power pins, even if in hardware standby mode.