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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.

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Renesas Electronics Corporation

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

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HITACHI SEMICONDUCTOR TECHNICAL UPDATE

Classification of Production	Microprocessor		No	TN-SH7-435A/E	Rev	1
THEME	Correction of errors SH7727 hardware manual	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	HD6417727B	Lot No.	Reference Documents	SH7727 Hardware Manual Rev.3.0 ADE-602-209B	Effective Date	
		All			Eternity	

There is the following correction in the SH7727 hardware manual.

1. Errata

32.2 DC Characteristics

Table 32.2 DC Characteristics (1)

(In page 870)

Line num.	Before change	After change
13	VccQ=3.3V*5	VccQ=3.3V
21	clock input)*6	clock input)*5
23		
24 ~ 35	Replace to the followings. Notes: *1 Regardless of whether the PLL or RTC is used, connect Vcc-PLL and Vcc-RTC to Vcc, and Vss-PLL and Vss-RTC to Vss. *2 AVcc conditions must be: $V_{ccQ} - 0.3 V \leq AV_{cc} \leq V_{ccQ} + 0.3 V$. If the A/D and D/A converters are not used, do not leave the AVcc and AVss pins open. Connect AVcc to VccQ, and connect AVss to VssQ. *3 Current dissipation values shown are for $V_{IHmin} = V_{ccQ} - 0.5 V$ and $V_{ILmax} = 0.5 V$ with no load. *4 The voltage range that can be applied depends on the operating frequency setting. Be sure to check the operating frequency range of the AC characteristics. *5 There is no stipulation regarding the power supply in standby mode when there is no RTC clock input.	