

To our customers,

---

## Old Company Name in Catalogs and Other Documents

---

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>

April 1<sup>st</sup>, 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

Classification of Production	MPU&MCU		No	TN-SH7-484A/E	Rev	1
THEME	A notice on the RTC module standby mode	Classification of Information	<ol style="list-style-type: none"> <li>1. Spec change</li> <li>2. Supplement of Documents</li> <li>3. Limitation of Use</li> <li>4. Change of Mask</li> <li>5. Change of Production Line</li> </ol>			
PRODUCT NAME	HD6417706 HD6417709S HD6417727 HD6417729R	Lot No.	Reference Documents	SH7706 Hardware Manual ADE-602-235B Rev 3.0		term of validity
		ALL		SH7709S Hardware Manual ADE-602-250C Rev 4.0	SH7727 Hardware Manual ADE-602-209C Rev 4.0	Eternity
				SH7729R Hardware Manual ADE-602-229C Rev 4.0		

When the realtime clock (RTC) is in the module standby mode (bit1 in the standby control register, STBCR is set to "1"), registers in the serial communication interface (SCI) and registers in the timer (TMU) may not be read properly.

Condition: the RTC is set to the module standby mode before one of the registers in the RTC, the SCI, or the TMU is accessed.

**Workaround:**

Please access (read or write) one register in the RTC, the SCI or the TMU before set the RTC in the module standby mode.