

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

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

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HITACHI SEMICONDUCTOR TECHNICAL UPDATE

DATE	26th, May, 1998	No.	TN-EML-036A/E
THEME	Incorrect External Subclock Input of User System Interface Cable for H8/300L E6000 Emulator		
CLASSIFICATION	<input type="checkbox"/> Spec. change <input type="checkbox"/> Supplement of Documents <input checked="" type="checkbox"/> Limitation on Use		
PRODUCT NAME	HS3644ECH61H HS3657ECN61H HS3644ECS61H HS3657ECN62H HS3644ECN61H HS3834ECH61H	Lot No. etc.	Rev. A
REFERENCE DOCUMENT	User's manual for above user system interface cables	Effective Date	Permanent
		From	

Note the following restriction in user system interface cables (listed in PRODUCT NAME) for the H8/300L E6000 emulator (HS3L08EPI60H).

1. Phenomenon

When a crystal oscillator is connected to the user system for the oscillator circuits on the user system interface cable to generate external subclock pulses, the number of clock pulses input to the EV-chip may be increased.

2. Target Products

User system interface cables for H8/300L E6000 emulator (HS3L08EPI60H).

H8/3644 series: HS3644ECH61H (FP-64A), HS3644ECS61H (DP-64S),
HS3644ECN61H (TFP-80C)

H8/3657 series: HS3657ECN61H (TFP-80F), HS3657ECN62H (TFP-80C)

H8/3834, 3814, 3877 series: HS3834ECH61H (FP-100B/TFP-100B)

3. Restriction

The oscillator circuits on the user system interface cable cannot generate external subclock pulses by using the crystal oscillator connected to the user system.

To input an external subclock from the user system, input clock pulses satisfying the following specifications into the X1 terminal.

Vcc: User system Vcc (3.0 to 5.0 V)

