

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

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

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# HITACHI SEMICONDUCTOR TECHNICAL UPDATE

DATE	31 May 2001	No.	TN-EML-065A/E
THEME	Precautions on the Usage of E6000 Emulator for the H8/3867 series, H8/3887 Series, H8/3847 Series, H8/3827 Series, H8/3847R Series, H8/3827R Series, H8/3937 Series, H8/3937R Series		
CLASSIFICATION	<input type="checkbox"/> Spec change <input type="checkbox"/> Supplement of Documents <input checked="" type="checkbox"/> Limitation on Use		
PRODUCT NAME	Precautions on the Usage of E6000 Emulator for the H8/3867 Series, H8/3887 Series, H8/3847 Series, H8/3827 Series, H8/3847R Series, H8/3827R Series, H8/3937 Series, H8/3937R Series E6000 Emulator Type number: HS388REPI60H		
REFERENCE DOCUMENTS	• HS388REPI60H Supplementary Information	EffectiveDate	
		From	

Some H8/3867 series, H8/3887 series, H8/3847 series, H8/3827 series, H8/3847R series, H8/3827R series, H8/3937 Series, H8/3937R Series E6000 emulator (HS388REPI60H) enter the following condition during use, so take care on this point. For details, contact your nearest Hitachi sales office.

## 1. The Condition

When the HDI is started, the following error message may be displayed even though the TEST pin and CVcc pin (power supply pin for internal step-down circuit) is correctly connected.

TEST or CVcc pin is not connected correctly. Please check it.

If this message is displayed, confirm the following connections (i) and (ii) as described below, and if the connection is correct, click OK to link the HDI up. The HDI can correctly be used for the H8/3880R series E6000 emulator.

(i) Connections of the CVcc pin on the user system (only one of these connections should be in place) (the CVcc pin does not exist in the H8/3937 series and the H8/3937R series.)

- a. When the internal power supply's step-down circuit is used, a stabilization capacitance (approximately 0.1 $\mu$ F) must be connected between the CVcc pin and the Vss pin.
- b. When the internal power supply's step-down circuit is not used, the Vcc pin and the CVcc pin must be directly connected to the external power supply.

(ii) Connections of the TEST pin on the user system: the TEST pin must be connected to the Vss pin.

## 2. Target Products

The condition described here arises in revision A products (serial nos.0001 to 0035). The condition no longer arises in revision B and later products (serial no.0036).

Note that the revision code for the product is printed on the label at the bottom of the E6000 emulator (see below).

