

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

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HITACHI SEMICONDUCTOR TECHNICAL UPDATE

DATE	31 May 2001	No.	TN-EML-066A/E
THEME	Precautions on the Usage of E6000 Emulator for the H8/3664 series, H8/3664N, H8/3672 Series		
CLASSIFICATION	<input type="checkbox"/> Spec change <input type="checkbox"/> Supplement of Documents		<input checked="" type="checkbox"/> Limitation on Use
PRODUCT NAME	H8/3664 Series, H8/3664N, H8/3672 Series E6000 Emulator Type number: HS3664EPI61H		
REFERENCE DOCUMENTS	• HS3664EPI61H Supplementary Information	EffectiveDate	
		From	

Some H8/3664 series, H8/3664N, and H8/3672 series E6000 emulator (HS3664EPI61H) 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 VCL pin is correctly connected (VCL: power supply pin for internal step-down circuit).

VCL pin is not connected correctly. Please check it.

If this message is displayed, confirm the TEST pin connection as described below, and if the connection is correct, click OK to link the HDI up. The HDI can correctly be used for the H8/3664 series, H8/3664N, and H8/3672 series E6000 emulator.

Connections of the VCL pin on the user system (only one of these connections should be in place)

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

2. Target Products

The condition described here arises in revision B products (serial nos.0001 to 0010). The condition no longer arises in revision C and later products (serial no.0011).

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

