

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>

April 1st, 2010
Renesas Electronics Corporation

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

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HITACHI SEMICONDUCTOR TECHNICAL UPDATE

DATE	14th April, 1999	No.	TN- EML - 042A/E
THEME	Limitations on Using the H8/3867, H8/3887 Series E6000 Emulator		
CLASSIFICATION	<input type="checkbox"/> Spec. change <input type="checkbox"/> Supplement of Documents <input checked="" type="checkbox"/> Limitation on Use		
PRODUCT NAME	HS3880EPI60H (E6000 H8/3867 and H8/3887 series)	Lot No. etc.	Product: Rev. A Product: Rev. B No. 0001 to 0063
REFERENCE DOCUMENT	H8/3876, H8/3887 Series E6000 Emulator HS3880EPI60H User's Manual	Effective Date	
		From	

In the H8/3867, H8/3887 series E6000 emulator (HS3880EPI60H), there are following limitations. Ask the sales department about them.

1. Limitations

Limitations when the on-chip LCD function is used in the H8/3867, H8/3887 series E6000 emulator (HS3880EPI60H):

- (1) When $V_{LCD} > V_{cc}$, the LCD may not be correctly displayed since the voltage levels of the COM and SEG pins do not exceed V_{cc} .
- (2) When $V_{LCD} \leq V_{cc}$, this limitation is not applied.
- (3) When the COM and SEG pins are used as the I/O ports, this limitation is not applied.

COM and SEG Pin Functions	Limitations
COM, SEG ($V_{LCD} > V_{cc}$)	Yes
COM, SEG ($V_{LCD} \leq V_{cc}$)	None
Used as the I/O ports	None

2. Target Device

The product revision number Rev.A or Rev.B (serial numbers: 0001 to 0063) is displayed in the label at the bottom of the E6000 station, as shown in below. These limitations are not applied for Rev.C (serial number: 0064) and the followings.

