

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	27th, August, 1997	No.	TN-EML-029A/E
THEME	Supporting H8/3033 and H8/3039 Series (Four MCUs) with E7000 Emulator		
CLASSIFICATION	<input checked="" type="checkbox"/> Spec. change <input type="checkbox"/> Supplement of Documents <span style="float: right;"><input type="checkbox"/> Limitation on Use</span>		
PRODUCT NAME	H8/3048 series, H8/3048F E7000 Emulator (HS3048EPD71H; system software version 1.1)	Lot No. etc.	All
REFERENCE DOCUMENT	H8/3048 Series, H8/3048F Emulator E7000 User's Manual (HS3048EPD70HE)	Effective Date	Permanent
		From	July 15th, 1997

How the H8/3033 and H8/3039 series MCUs are supported by the H8/3048 series, H8/3048F E7000 emulator (HS3048EPD71H) is described below.

In order to support the H8/3033 and H8/3039 series MCUs (H8/3039, H8/3038, H8/3037, and H8/3036), the HS3048EPD71H system software is upgraded.

## 1. Product Name

HS3048EPD71H: The two provided system floppy disks are upgraded from version 1.0 to 1.1.

## 2. Schedule

Starting from shipments at the end of August (from manufacture serial No. 0112).

## 3. Formerly Purchased Products

The HS3048EPD71H has been sold from the end of 1996. If you are already using it and request to debug the H8/3033 and H8/3039 series MCUs, contact a Hitachi sales agency for upgrading your current system software to version 1.1.

The user system interface cables usable for each MCU are listed in table 1.

**Table 1 User System Interface Cables for each MCU**

MCUs	User System Interface Cable	Remarks
H8/3033	HS3032ECH71H (FP-80A)	
	HS3032ECN71H (TFP-80C)	
H8/3039 series	HS3039ECH71H (FP-80A)	Shipment starts in September
	HS3039ECN71H (TFP-80C)	Shipment starts in September

## 4. Others

- (1) The H8/3034 and H8/3035 MCUs cannot be supported. For details on how to perform limited emulation, refer to Hitachi Microcomputer Technical Update No. TN-EML-025A.
- (2) The error in the RESO signal output is corrected in the upgraded system software. If you request to have your system software upgraded for RESO signal usage, contact a Hitachi sales agency.