

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	10 September 2001	No.	TN-EML-074A/E
THEME	Version update for SH7615 E10A HDI due to the modification of a bug of the flash memory downloading function		
CLASSIFICATION	<input type="checkbox"/> Spec. change <input type="checkbox"/> Supplement of Documents <input checked="" type="checkbox"/> Limitation on Use		
PRODUCT NAME	SH7615 E10A emulator: HS7615KCM01H and HS7615KCI01H	Lot No. etc.	SH7615 E10A V2.00
REFERENCE DOCUMENTS		Effective Date	Permanent
		From	

In the SH7615 E10A (HS7615KCM01H and HS7615KCI01H), the following bug of the emulator system software HDI (Hitachi Debugging Interface) was corrected.

- A part of data to be loaded at downloading to the flash memory could not be correctly written *1.

The HDI version after this correction is SH7615 E10A V2.01.

To correct this bug, the version of the HDI needs to be updated.

The program for updating version of the E10A HDI will be shown in Hitachi's internet homepage.

Download the setup files *2 for SH7615 E10A V2.01 for use.

The URL address is as follows:

<http://www.hitachisemiconductor.com/sic/jsp/japan/eng/products/mpumcu/tool/download/e10a.html>

If you do not have an internet environment, contact the sales agent. We will provide the setup program by the CD-R.

Notes: *1. Example of phenomenon

Bus width of the flash memory: 32 bits or 16 bits

Data in the record of the load module: 11 22 33 44 55 66 77 88 99 (boundary of access size + 1)

(Boundary of 32-bit bus width) ←————→←————→←————→←————→

(Boundary of 16-bit bus width) ←→←→←→←→←→←→←→←→

If the data is loaded to the flash memory with above conditions, data H*99 to be loaded will not be correctly written.

*2. The program for updating version of the E10A HDI will be uploaded on October 1st, 2001.