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)

Send any inquiries to http://www.renesas.com/inquiry.

RENESAS

HITACHI SEMICONDUCTOR TECHNICAL UPDATE

Classification of Production	Development environment			No	TN-EML-095A/E	Rev.	1
THEME	Malfunction with the Value in the EXR Register, and Countermeasure		Classification of Information	1. Spec change 2. Supplement of Documents ③. Limitation of Use		4. Change of Mask 5. Change of Production Line	

PRODUCT NAME	HS2339KCM01SR (packaged with HS2339KCM01H and HS2339KCI01H)	Lot No.		Effective Date	
		V2.00	Reference Documents	None	Permanent

The H8S/2339F E10A emulator has a malfunction that the EXR register cannot be set correctly. When the user program execution starts, the value in the EXR register will be set as H'00. This sets the bits I0 to I2 as 0, which means that the priority level of the interrupt mask is 0 (the lowest). So do not use interrupt control mode 2. Otherwise, interrupts cannot be controlled correctly.

[Countermeasure]

Updating of the system software HDI for the E10A emulator is necessary.
Check the current version by clicking [Target] from [About HDI] in the HELP menu after the HDI has started up.

We will register the latest version, for which this malfunction has been modified, on our website.
In urgent cases, please contact the nearest Hitachi sales office.

The URL address is as follows:

http://www.hitachisemiconductor.com/sic/jsp/japan/eng/products/mpumcu/tool/download/e10a/e10a_fz.html