

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

Classification of Production	Tools			No	TN-EML-085A/E	
THEME	Notes on Debugging with the H8S/2339F E10A		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	HS2339KCM01H or HS2339KCI01H	Lot No.	Reference Documents	H8S/2339F E10A Emulator User's Manual Rev. 1.0 (ADE-702-226)	Rev.	Effective Date
		All lots			1.0	Permanent

Use the H8S/2339F E10A considering the following notes.

When the H8S/2339F E10A is used, the following modules cannot be used depending on devices.

- (1) H8S/2339EF: SCI0 (serial communication interface channel 0)
- (2) H8S/2329EF: SCI0 (serial communication interface channel 0)
- (3) H8S/2319EF: SCI1 (serial communication interface channel 1)

When H8S/2339EF, H8S/2329EF, and H8S/2319EF are connected to the emulator, the following pin functions cannot be used:

- (1) H8S/2339EF: P34, P80, P81, P82, P83, FWE, SCK0, #DREQ0, #DREQ1, and #TEND0
- (2) H8S/2329EF: P34, P60, P61, P62, P63, FWE, SCK0, #DREQ0, #DREQ1, #TEND0, #CS4, and #CS5
- (3) H8S/2319EF: P20, P21, P31, P33, P35, FWE, SCK1, TxD1, RxD1, #IRQ5, TIOCA3, and TIOCB3

Note: the symbol “#” means that the signal is active-low.