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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RENESAS

HITACHI SEMICONDUCTOR TECHNICAL UPDATE

DATE	16 May 2001	No.	TN- EML-063 A /E	
THEME	Limitations on H8/3664F E10T emulator			
CLASSIFICATION	☐ Spec. change ☐ Supplement of Documents	☒ Limitation on Use		
PRODUCT NAME	H8/3664F E10T emulator (HS3664TCM01H or HS3664TCI01H) and H8/3664F microcomputer	Lot No. etc.	V1.04 or before for H8/3664F HDI and all lots of HD64F3664	
REFERENCE DOCUMENT	None	Effective Date	Permanent	
		From		

The H8/3664F E10T has the following limitations.

1. Malfunction

During emulation by the H8/3664F E10T emulator (HS3664TCM01H and HS3664TCI01H), if a break occurs when an interrupt of the A/D converter is enabled, the emulator may overrun. However, this phenomenon occurs only when the H8/3664F microcomputer (HD64F3664) is being emulated. When the E10T emulator is not connected, the user program normally runs.

2. Cause

Due to a malfunction of the circuit in the H8/3664F microcomputer, an emulator control program cannot be executed after a break.

3. Countermeasure

Debugging cannot be performed by using an interrupt of the A/D converter. A countermeasure will be taken in the H8/3664F E10T HDI (Version 1.05). (The file will be provided on the Web.)

Another countermeasure will be taken for the H8/3664F microcomputer. The above HDI (Version 1.05) can support the H8/3664F microcomputer before or after countermeasure.

The HDI can be used for the ICE (evaluation chip used) such as E6000 or the monitoring debugger without problems.

4. Problems on User's Debugging Schedule

Please contact our sales office.

Note: HDI: Hitachi Debugging Interface.