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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HITACHI SEMICONDUCTOR TECHNICAL UPDATE

DATE	22th, December, 1997	No.	TN-EML-032 A/E
THEME	Software Breakpoint when Internal Cache is Enabled in SH7040 Series E7000 Emulator		

CLASSIFICATION	☐ Spec. change ☐ Supplement of Documents	☒ Limitation on Use	

PRODUCT NAME	HS7040EPD70H HS7040EPD71H HS7040EPD72H	Lot No. etc.	E7000 SYSTEM V1.0 and V1.0A
REFERENCE DOCUMENT	E7000 SH7040 Series Emulator User's Manual	Effective Date	Permanent
		From	

Note the following problem when using the SH7040 series E7000 emulator with the internal cache enabled.

1. Phenomenon

During emulation when a software breakpoint has been specified (with the BREAK or BREAK_SEQUENCE command) and internal cache is enabled, though emulation terminates at the software breakpoint, the termination cause is displayed as ILLEGAL INSTRUCTION, or emulation does not terminate at the software breakpoint.

2. Solution

This problem has been solved in E7000 SYSTEM V1.1. To exchange the system program FD for the SH7040 series E7000 emulator, contact a Hitachi sales agency.