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.

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RENESAS TECHNICAL UPD

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Product Category	MPU&MCU		Document No.	TN-H8*-278A/EA	Rev.	1.0
Title	Update to HD64F38024R (2)		Information Category	Usage Limitation		
Applicable Product	HD64F38024 HD64F38024R	Lot No.	Reference Document	H8/38024, H8/38024S, H8/38024 F-ZTAT, H8/38124 Group Hardware Manual REJ09B0042-0500O Rev.5.00		
		All				

This announcement shows a usage note of HD64F38024 and improved contents on HD64F38024R. Please refer to an announcement to 'Update to HD64F38024R (TN-H8*-256A/E)' as well.

Usage note to power on :

● Usage note to power on HD64F38024

Sometimes MCU doesn't work properly as "Phenomenon" shows on below condition, once this phenomenon occurs, please follow below action to make MCU work properly.

Condition: MCU powered on with applied 50mV to 200mV voltage to Vcc pin for longer than 1sec.

This varies depending on LSI variation or PCB condition.

Phenomenon: System clock generator halts and LSI doesn't work. Reset signal is not available as well.

This doesn't always occur.

Countermeasure: Stop power supply and make Vcc voltage level to GND (approximately less than 30mV), then power

on again.

Above is for resonator use system, not for external clock use system.

● Improved contents on HD64F38024R

Under the above stated condition, the phenomenon doesn't occur.

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