

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>)

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

RENESAS TECHNICAL UPDATE

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Renesas Technology Corp.

Product Category	MPU&MCU		Document No.	TN-H8*-A398A/E	Rev.	1.00
Title	About the instructions of the LCD controller / driver		Information Category	Technical Notification		
Applicable Product	Described below	Lot No.	Reference Document	Described below		
		All lot				

We will have additional description in usage note of LCD driver in following hardware manuals.

H8/3827R Group, H8/3827S Group, H8/38327 Group, H8/38427 Group Hardware Manual (REJ09B0144-0600)

A H8/38327 group and H8/38427 group becomes the object.

H8/3847R Group, H8/3847S Group, H8/38347 Group, H8/38447 Group Hardware Manual (REJ09B0145-0600)

A H8/38347 group and H8/38447 group becomes the object.

New description is shown in below.

- Description -

1. Usage notes on LCD driver / controller

There is a case unsettled electric potential occurs inside, and to increase a consumption electric current by a penetration electric current when I intercept V1 power supply at the time of choice by the segment function of the terminal..

Followings are examples.

- a) MCU sets LCD power supply OFF when V1 is connected to V0
- b) MCU cuts off external power supply when V1 is connected to external power supply

Followings are examples of workaround.

- a) Set pins as I/O ports.
- b) Pull V1 down to GND connecting external resistors. During V1 gets to GND level, power consumption may increase.

- End of description -