

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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RENESAS TECHNICAL UPDATE

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Product Category	MPU/MCU		Document No.	TN-SH7-A765A/E	Rev.	1.00
Title	Problems in the SH7137/7136 Group boot mode		Information Category	Technical Notification		
Applicable Product	SH7137 Group SH7136 Group	Lot No.	Reference Document	SH7137 Group Hardware Manual (REJ09B0402)		
		0944 and earlier				

This Technical Update reports on problems that have been discovered with boot mode in the SH7137 Group and SH7136 Group products. Please take the following into consideration when using these products.

1. Description of Problem

If the input clock frequency to the SH7137 Group and SH7136 Group products is outside the 8 to 10 MHz range during on-board programming in boot mode, erase and program operations to the on-chip flash memory will not work.

2. Workaround

2.1 Provisional workaround

Use an input clock with a frequency between 8 and 10 MHz during on-board programming in boot mode.

2.2 Permanent solution

We have corrected the boot program for these products. Products for which this permanent solution have been applied are samples in which the EIA code (year/week code) is "0945" or later.