

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>.

RENESAS TECHNICAL UPDATE

Nippon Bldg., 2-6-2, Ohte-machi, Chiyoda-ku, Tokyo 100-0004, Japan
Renesas Technology Corp.

Product Category	Application specific IC		Document No.	TN-ASP-A020A/E	Rev.	1.00
Title	M66591 Usage Precautions of the Buffer memory initialization by the ACLRM bit		Information Category	Technical Notification		
Applicable Product	USB ASSP M66591	Lot No.	Reference Document	M66591 data sheet (REJ03F0101)		

1. Phenomena

This precaution concerns the Buffer memory initialization by the ACLRM bit.

When the conditions described in [2. Occurring Conditions] below are met, the Interrupt status of the pertinent pipe cannot operate properly.

2. Occurring Conditions

[1. Phenomena] described above may occur when condition 1 is present at the same time as condition 2 or 3.

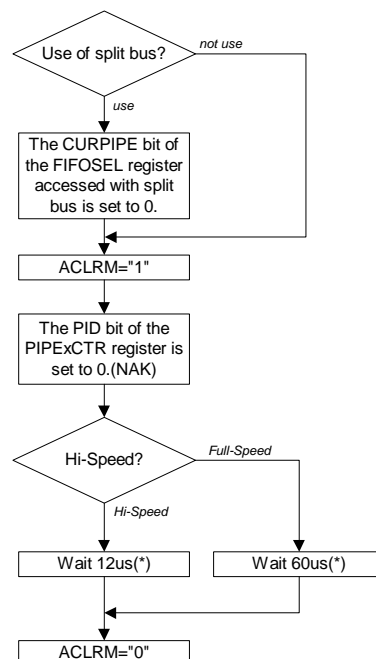
Condition 1: The ACLRM bit is set to "1" and then to "0".

Condition 2: During a USB communication.

Condition 3: During an access by using Split bus.

3. Solutions

This phenomenon can be avoided by using the following software flowchart.



* When used on Bulk IN transfer (theoretical figure)