

To our customers,

---

## Old Company Name in Catalogs and Other Documents

---

On April 1<sup>st</sup>, 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 1<sup>st</sup>, 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  
RenesasTechnology Corp.

Product Category	MPU&MCU		Document No.	TN-720-A064A/E	Rev.	1.0
Title	Note when writing to 4283 Group QzROM		Information Category	Technical Notification		
Applicable Product	M34283G2GP	Lot No.	Reference Document	-		
		All				

When writing to 4283 Group QzROM, note the following;

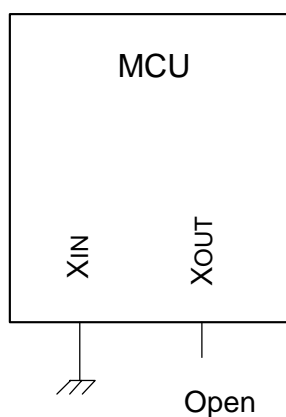
<Note>

If an external ceramic resonator is oscillating when writing to 4283 Group QzROM, writing may not be performed correctly.

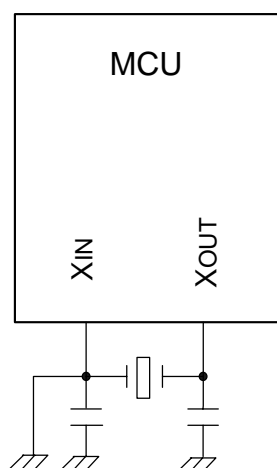
When writing to QzROM, set the XIN pin and XOUT pin to (1) or (2) shown below.

1: Connect XIN pin to Ground and leave XOUT open.

2: Connect a ceramic resonance circuit between XIN and XOUT externally, and connect XIN pin to Ground.



Circuit example (1)



Circuit example (2)

We are planning to improve this product.

We are going to inform you of the schedule later.