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.
We would like to inform you of note on inputting external clock in the above-mentioned applicable products.

[ Note on inputting external clock ]

Figure 1 is an example of connecting the external clock input. When putting the XTAL pin in open state, make sure the parasitic capacitance is less than or equal to 10 pF. Even in the case of inputting external clock, to keep PLL oscillation stabilizing time, please wait longer than the oscillation stabilizing time at power on, releasing the standby, changing the multiplication rate of PLL circuit, or start inputting external clock.

![Example of connection with XTAL pin open](image)

**Figure 1** Example of Connecting External Clock