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

RENESAS TECHNICAL NEWS   No.M16C-96-0309

M16C/62N Group, M16C/30L Group Precaution on Stopping

Main Clock when External Clock is Used in Xin

Classification	**Concerned Products**
Corrections and supplementary explanation of document √ Notes Knowhow Others	M16C/62N group M16C/30L group

1. Precautionary Note

If the CM05 bit (Main Clock Stop Bit) in the CM0 register is set to "1" while the external clock is input to the Xin pin, the clock input is rejected.

If the CM05 bit is set to "1" (i.e. to turn off the Main Clock) while the CM07 bit (System Clock Select Bit) is set to "0" (i.e. Xin, Xout is selected as the system clock), the clock input is disabled and the CPU stops operation. Do not set the CM05 bit to "1" when the CM07 bit is set to "0".

Moreover, when CM05 bit is set to "1", the peripheral function clocks (f1, f8, f32, f1SIO2, f8SIO2, f32SIO2, fAD)   also stop.