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	MPU & MCU			Document No.	TN-16C-A184A/E	Rev.	1.00
Title	M16C/64 Group Note on Boot Mode			Information Category	Technical Notification		
Applicable Products	M16C/64 Group	Lot No.		Reference Documents			

1. Note

   When starting up the MCU in boot mode (by inputting a low to the P5_5 pin, a high to the CNVSS and P5_0 pins and then triggering hardware reset 1) and operating in user boot mode, an external bus signal is not output even if the MCU enters memory expansion mode or microprocessor mode by changing bits PM01 and PM00 in the PM0 register.

2. Countermeasure

   To use memory expansion mode or microprocessor mode after starting up the MCU in boot mode and operating in user boot mode, restart the MCU in single-chip mode (by inputting a low to the CNVSS pin and then triggering hardware reset 1), then change bits PM01 to PM00.