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.

Date: Jun. 24, 2009

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-SH7-A727A/E	Rev.	1.00
Title	Addition to and correction of errors in the SH7280 Group Hardware Manual and SH7216 Group Hardware Manual		Information Category	Technical Notification		
Applicable Product	SH7280 Group SH7216 Group	Lot No. All lots	Reference Document	SH7280 Group Hardware Manual Rev. 1.00 (REJ09B0393-0100) SH7216 Group Hardware Manual Rev. 1.01 (REJ09B0543-0101)		

We would like to inform you of the addition to and corrections in the above listed hardware manuals.

Please refer to the following for details.

< Addition to and correction of errors regarding GSR3 judgment >

(1) SH7280 Group Hardware Manual

Section 22, Controller Area Network (RCAN-ET) (SH7286 Only)

Page 1062, notes of figure 22.8, Reset Sequence

(2) SH7216 Group Hardware Manual

Section 21, Controller Area Network (RCAN-ET)

Page 1082, notes of figure 21.8, Reset Sequence

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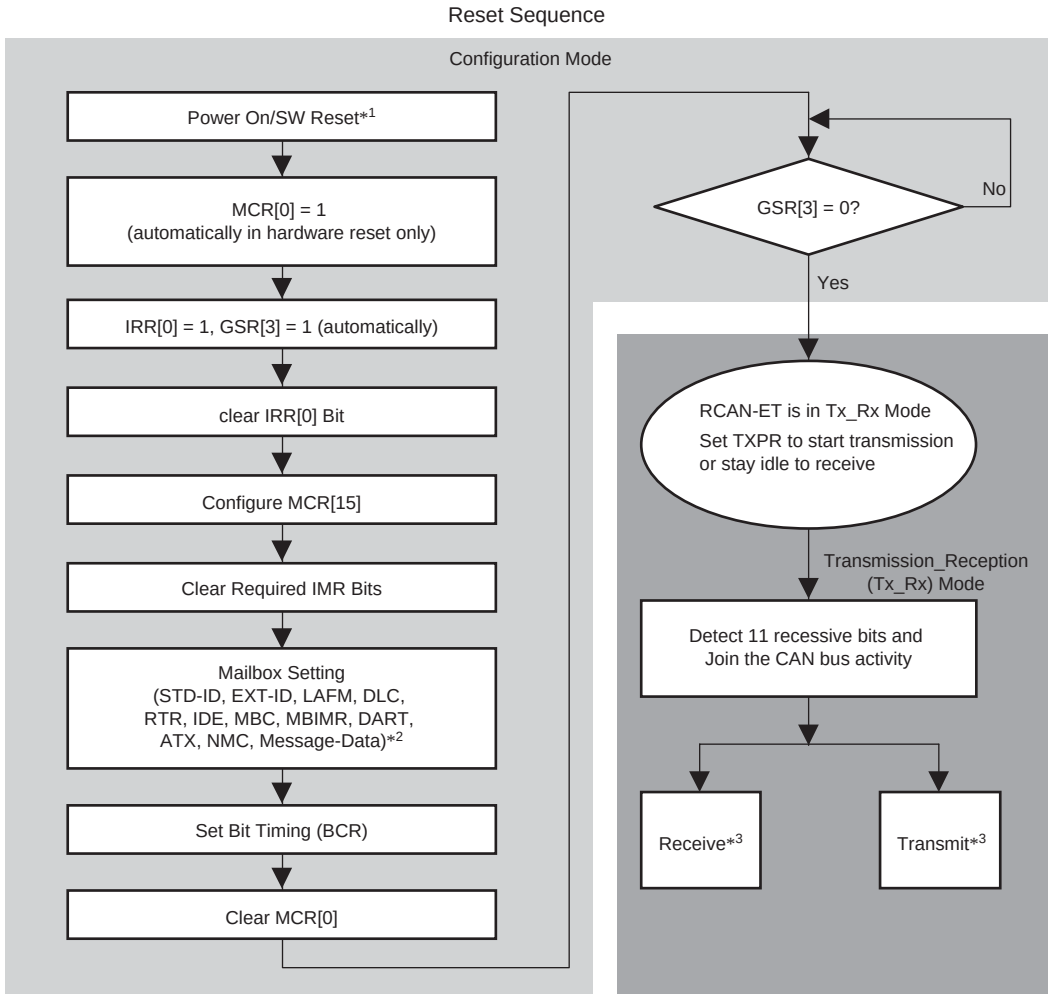
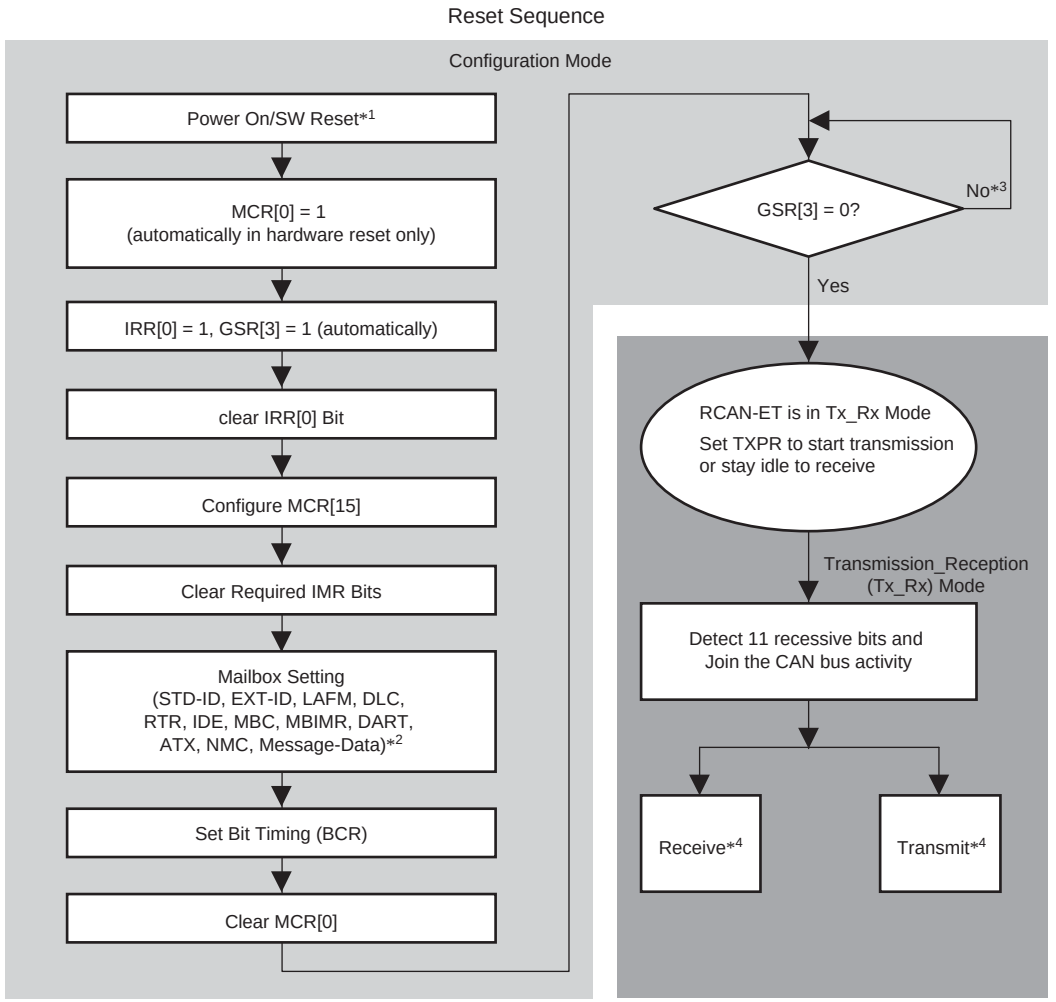
[Before Change]



Notes: 1. SW reset could be performed at any time by setting MCR[0] = 1.
2. Mailboxes are comprised of RAMs, therefore, please initialise all the mailboxes enabled by MBC.
3. If there is no TXPR set, RCAN-ET will receive the next incoming message.
If there is a TXPR(s) set, RCAN-ET will start transmission of the message and will be arbitrated by the CAN bus.
If it loses the arbitration, it will become a receiver.

[After Change]

* Addition of a note 3



Notes: 1. SW reset could be performed at any time by setting MCR[0] = 1.
2. Mailboxes are comprised of RAMs, therefore, please initialise all the mailboxes enabled by MBC.
3. Judgment of the acknowlegement 0 takes about 1 bit period.
4. If there is no TXPR set, RCAN-ET will receive the next incoming message.
If there is a TXPR(s) set, RCAN-ET will start transmission of the message and will be arbitrated by the CAN bus.
If it loses the arbitration, it will become a receiver.