

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

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RENESAS TECHNICAL NEWS

No.M380-31-0305

Corrections and Supplementary Explanation for 3804 Group Data Sheet and User's Manual

Classification
 ✓ Corrections and supplementary explanation of document
 Notes
 Knowhow
 Others

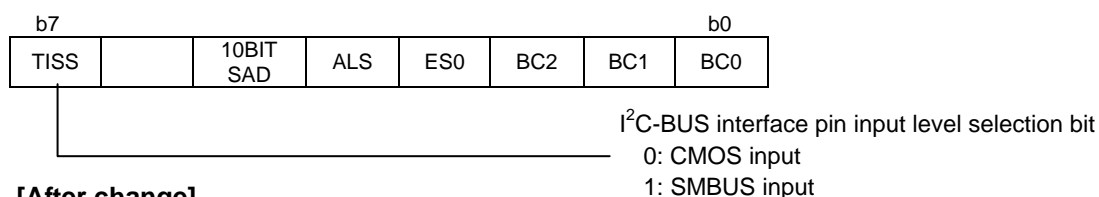
Concerned Products
 3804 Group

A few corrections concerning I²C-BUS interface explanation exist in "3803/3804 Group Data Sheet (Rev. 4.0)" and "3803/3804 Group User's Manual (Rev. 3.0)". When using these documents, please take note of the following.

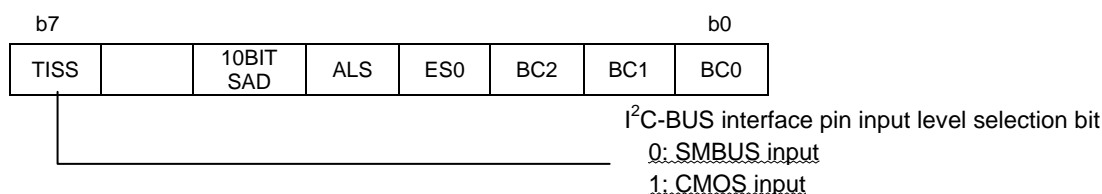
1. 3803/3804 Group User's Manual (Rev. 3.0) Corrigendum

1-1. Page 1-74 Fig.67 Structure of I²C control register
 I²C control register (S1D: address 0014₁₆)

[Previous change]



[After change]



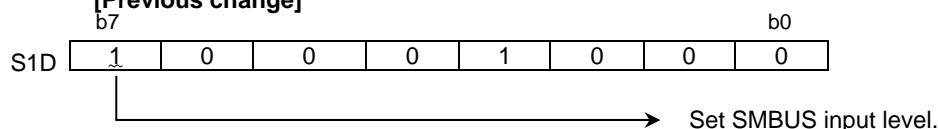
1-2. Page 2-99 Fig. 2.5.6 Structure of I²C control register (3804 Group)

Revise the explanation of the I²C-BUS interface pin input level selection bit as well as 1-1.

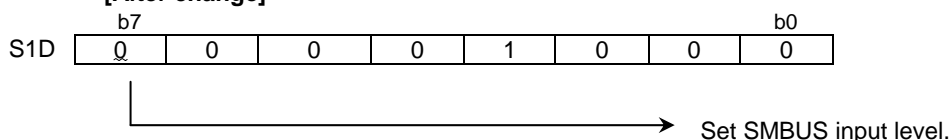
1-3. Page 2-110 Fig. 2.5.20 Initial setting example for SMBUS communication

I²C control register (address 0014₁₆)

[Previous change]



[After change]



1-4. Page 3-56 Fig.3.5.9 Structure of I²C control register (only for 3804 Group)

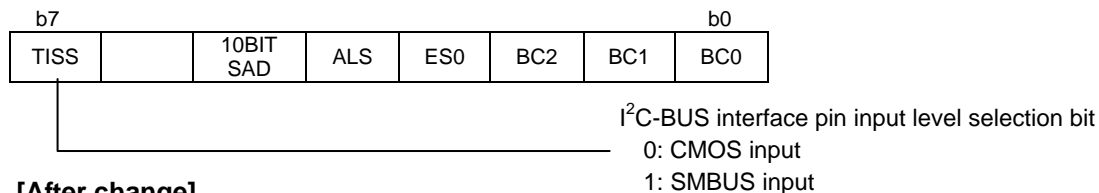
Revise the explanation of the I²C-BUS interface pin input level selection bit as well as 1-1.

2. 3803/3804 Group Data Sheet (Rev. 4.0) Corrigendum

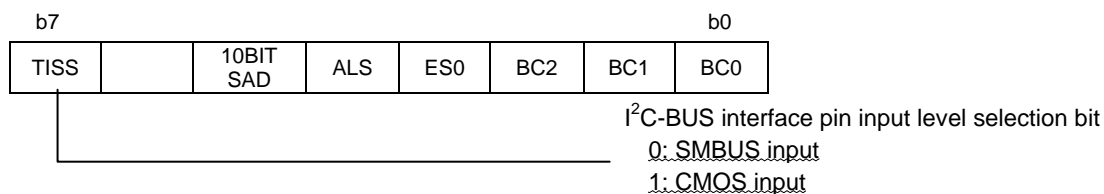
2-1. Page 73 Fig.67 Structure of I²C control register

I²C control register (S1D: address 0014₁₆)

[Previous change]

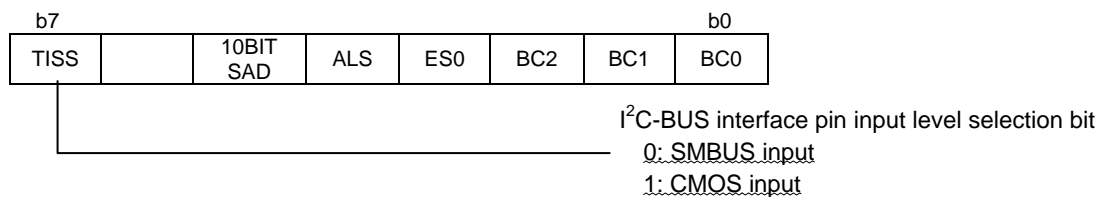


[After change]

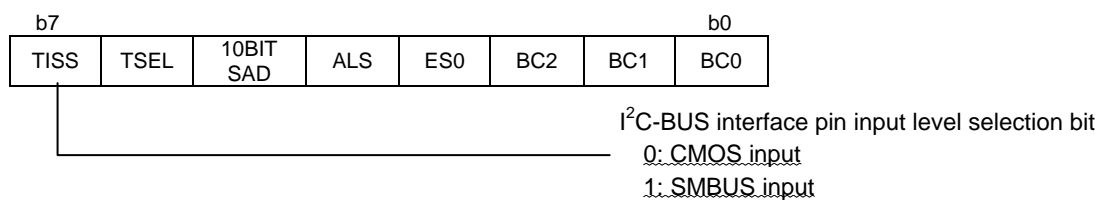


3. Note that there are differences of the I2C-BUS interface pin input level selection bit as follows among the 3804, 3851, 3886 and 7516 Groups.

[3804 Group: I²C control register: S1D (address 0014₁₆)]



[3851 Group, 7516 Group: I²C control register: S1D (address 002E₁₆)]



[3886 Group: I²C control register: S1D (address 0015₁₆)]

