

RENESAS TECHNICAL UPDATE

1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668 Japan
Renesas Electronics Corporation

Product Category	MPU/MCU		Document No.	TN-MC*-A021A/E	Rev.	1.00
Title	Correction of Error in Hardware Manual Regarding I2C Bus Interface 2 (IIC2) and I2C Bus Interface 3 (IIC3)		Information Category	Technical Notification		
Applicable Product	See below	Lot No.	Reference Document	See below		
		All				

A correction has been made in the hardware manual for the applicable products regarding I²C bus interface 2 (IIC2) and I²C bus interface 3 (IIC3). The amended content for the SH7080 Series is shown below. Note that in some products the register names ICCRA and ICCRB are used instead of ICCR1 and ICCR2, respectively. The registers in question are referred to below as ICCR1 and ICCR2, but the description should be taken to refer to ICCRA and ICCRB when appropriate.

Correction of Error in Hardware Manual

The following amendment has been made to the description of the ICE bit in 18.3.1, I²C Bus Control Register 1 (ICCR1), in section 18, I²C Bus Interface 2 (I²C2), of the *SH7080 Group Hardware Manual*.

<Unamended Version>

Bit	Bit Name	Initial Value	R/W	Description
7	ICE	0	R/W	I ² C Bus Interface 2 Enable 0: <u>This module is halted.</u> 1: This bit is enabled for transfer operations. (SCL and SDA pins are bus drive state.)

< Amended Version >

Bit	Bit Name	Initial Value	R/W	Description
7	ICE	0	R/W	I ² C Bus Interface 2 Enable 0: <u>SCL and SDA output is disabled. (Input to SCL and SDA is enabled.)</u> 1: This bit is enabled for transfer operations. (SCL and SDA pins are bus drive state.)

[Applicable Products and Reference Documents]

Series	Group	Reference Document Title	Rev.	Document No.
H8S/2300	H8S/2368	H8S/2368 Group Hardware Manual	6.00	REJ09B0050-0600
	H8S/2378, H8S/2378R	H8S2378 H8S/2378R Group Hardware Manual	7.00	REJ09B0109-0700
H8S/2400	H8S/2426,2426R,2424	H8S/2426 H8S/2426R H8S/2424 Group Hardware Manual	2.00	REJ09B0466-0200
	H8S/2437	H8S/2437 Group Hardware Manual	2.00	REJ09B0059-0200
	H8S/2456,2456R,2454	H8S/2456 H8S/2456R H8S/2454 Group Hardware Manual	2.00	REJ09B0467-0200
H8S/2500	H8S/2556,H8S/2552, H8S/2506	H8S/2556 Group H8S/2552 Group H8S/2506 Group Hardware Manual	6.00	REJ09B0099-0600
H8SX/1500	H8SX/1544	H8SX/1544 Group Hardware Manual	3.00	REJ09B0381-0300
H8SX/1600	H8SX/1622	H8SX/1622 Group Hardware Manual	2.00	REJ09B0414-0200
	H8SX/1635,H8SX/1635L	H8SX/1635 Group H8SX/1636L Group Hardware Manual	2.00	REJ09B0496-0200
	H8SX/1638,H8SX/1638L	H8SX/1638 Group H8SX/1638L Group Hardware Manual	2.00	REJ09B0364-0200
	H8SX/1645,H8SX/1645L	H8SX/1645 Group H8SX/1645L Group Hardware Manual	2.00	REJ09B0497-0200
	H8SX/1648G,H8SX/1648H H8SX/1648A,H8SX/1648L	H8SX/1648 H8SX/1648A H8SX/1648L H8SX/1648G H8SX/1648H Group Hardware Manual	2.00	REJ09B0365-0200
	H8SX/1653	H8SX/1653 Group Hardware Manual	1.00	REJ09B0219-0100
	H8SX/1655,H8SX/1655M	H8SX/1655 Group H8SX/1655M Group Hardware Manual	2.00	REJ09B0499-0200
	H8SX/1658R,H8SX/1658M	H8SX/1658R Group H8SX/1658M Group Hardware Manual	2.00	REJ09B0413-0200
	H8SX/1663	H8SX/1663 Group Hardware Manual	1.00	REJ09B0294-0100
	H8SX/1665,H8SX/1665M	H8SX/1665 Group H8SX/1665M Group Hardware Manual	2.00	REJ09B0498-0200
	H8SX/1668R,H8SX/1668M	H8SX/1668R Group H8SX/1668M Group Hardware Manual	2.00	REJ09B0412-0200
	SH7080	SH7083, SH7084, SH7085, SH7086	SH7080 Group Hardware Manual	4.00
SH7137	SH7131, SH7132, SH7136, SH7137	SH7137 Group Hardware Manual	3.00	REJ09B0402-0300
SH7200	SH7201	SH7201 Group Hardware Manual	2.00	REJ09B0321-0200
	SH7203	SH7203 Group Hardware Manual	3.00	REJ09B0313-0300
	SH7205	SH7205 Group Hardware Manual	2.00	REJ09B0372-0200
	SH7206	SH7206 Group Hardware Manual	3.00	REJ09B0191-0300
SH7210	SH7211	SH7211 Group Hardware Manual	3.00	REJ09B0344-0300
SH7216	SH7214, SH7216	SH7216 Group Hardware Manual	1.01	REJ09B0543-0101
SH7260	SH7261	SH7261 Group Hardware Manual	2.00	REJ09B0320-0200
	SH7262, SH7264	SH7262 Group SH7264 Group Hardware Manual	2.00	REJ09B0445-0200
	SH7263	SH7263 Group Hardware Manual	3.00	REJ09B0290-0300
	SH7265	SH7265 Group Hardware Manual	2.00	REJ09B0351-0200
SH7280	SH7285, SH7286	SH7280 Group Hardware Manual	1.00	REJ09B0393-0100
SH7641	SH7641	SH7641 Hardware Manual	4.00	REJ09B0023-0400
SH-Ether	SH7652	SH7652 Group Hardware Manual	2.00	REJ09B0440-0200
	SH7670	SH7670 Group Hardware Manual	2.00	REJ09B0437-0200