Date: Jul. 31, 2018

RENESAS TECHNICAL UPDATE

TOYOSU FORESIA, 3-2-24, Toyosu, Koto-ku, Tokyo 135-0061, Japan
Renesas Electronics Corporation

Product Category	MPU/MCU		Document No.	TN-RZ*-A052A/E	Rev.	1.00
Title	RZ/T1 Group User's Manual: Hardware Collection for ATCM Wait Control Register		Information Category	Technical Notification		
Applicable Product	RZ/T1 Group	Lot No. All lots	Reference Document	RZ/T1 Group User's Manual: Hardware Rev1.40 R01UH0483EJ0140 Rev.1.40		

Incorrect description regarding ATCM Wait Control Register (SYTATCMWAIT) have been found.

This document describes corrections for the incorrect description.

1.Detail of a correction

<table>
<tr><th>Page</th><th>Description</th></tr>
<tr><td>105</td><td>
[Current description]
2.4.1 ATCM Wait Control Register (SYTATCMWAIT)
<table>
<tr><th>Bit</th><th>Symbol</th><th>Bit Name</th><th>Description</th><th>R/W</th></tr>
<tr><td>b1, b0</td><td>ATCMWAIT[1:0]</td><td>ATCM Wait Setting
*1</td><td>b1 b0
0 0: 1-wait with optimization
0 1: 1-wait without optimization
1 0: 0-wait
1 1: Setting prohibited</td><td>R/W</td></tr>
<tr><td>b31 to b2</td><td>-</td><td>Reserved</td><td>These bits are read as 0.
The write value should be 0.</td><td>R/W</td></tr>
</table>
Note 1. When the CPU clock frequency is 450 MHz/600 MHz, set these bits for “1-wait with optimization” or “1-wait without optimization”. “0-wait” can be set only when the CPU clock frequency is 150 MHz or 300 MHz. It cannot be set when the frequency is 450 MHz/600 MHz.

[Correct description]
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Note 1. Set the ATCM wait as shown below.

• 320-pin FBGA
When the CPU clock frequency is 450 MHz/600 MHz, set these bits for “1-wait with optimization” or “1-wait without optimization”.
“0-wait” can be set only when the CPU clock frequency is 150 MHz or 300 MHz. It cannot be set when the frequency is 450 MHz/600 MHz.

• 176-pin HLQFP
When the CPU clock frequency is 300 MHz/450 MHz, set these bits for “1-wait with optimization” or “1-wait without optimization”.
“0-wait” can be set only when the CPU clock frequency is 150 MHz. It cannot be set when the frequency is 300 MHz/450 MHz.
</td></tr>
</table>