

RENESAS TECHNICAL UPDATE

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Product Category	MPU/MCU	Document No.	TN-R8C-A064A/E	Rev.	1.00
Title	Caution on using wait mode		Information Category	Technical Notification	
Applicable Product	R8C/36A, R8C/36C, R8C/36M R8C/38A, R8C/38C, R8C/38M R8C/L3AC, R8C/L3AM	Lot No.	Reference Document	User's Manual: Hardware of applicable products	
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This document describes corrections of usage condition regarding Timer RG interrupt in "Interrupts Used to Exit Wait Mode and Usage Conditions" which is described in the User's Manual: Hardware for the applicable products.

1. Correction contents of R8C/36A, R8C/36C, R8C/36M, R8C/38A, R8C/38C and R8C/38M group

Applicable Product	User's Manual: Hardware of applicable	Applicable Page
R8C/36A	REJ09B0480-0020 (Rev.0.20)	Page 146 of 795
R8C/36C	R01UH0095EJ0110(Rev.1.10)	Page 148 of 789
R8C/36M	R01UH0259EJ0100(Rev.1.00)	Page 148 of 806
R8C/38A	REJ09B0485-0010(Rev.0.10)	Page 151 of 800
R8C/38C	R01UH0094EJ0110(Rev.1.10)	Page 153 of 794
R8C/38M	R01UH0258EJ0100(Rev.1.00)	Page 153 of 812

Note. If the description to be corrected appears in the User's Manual on pages other than pages listed above, the same correction will also apply to the descriptions on those pages.

Correction contents of the R8C/38C group are shown below.

Incorrect: **Bold**; Correct: **Gray hatched**

Incorrect:

Table 9.4 Interrupts Used to Exit Wait Mode and Usage Conditions

Interrupt	When CM02 = 0	When CM02 = 1
Serial interface interrupt	Usable when operating with internal or external clock	Usable when operating with external clock
(abridgement)	(abridgement)	(abridgement)
Timer RG interrupt	Usable in all modes	Usable by selecting fOCO40M as count source.
(abridgement)	(abridgement)	(abridgement)

Correct:

Table 9.4 Interrupts Used to Exit Wait Mode and Usage Conditions

Interrupt	CM02 = 0	CM02 = 1
Serial interface interrupt	Usable when operating with internal or external clock	Usable when operating with external clock
(abridgement)	(abridgement)	(abridgement)
Timer RG interrupt	Usable in all modes	- (Do not use)
(abridgement)	(abridgement)	(abridgement)

2. Correction contents of R8C/L3AC and R8C/L3AM group

Applicable Product	User's Manual: Hardware of applicable	Applicable Page
R8C/L3xC	R01UH0151EJ0101(Rev.1.01)	Page 156 of 836
R8C/L3xM	R01UH0110EJ0100(Rev.1.00)	Page 153 of 852

Note. If the description to be corrected appears in the User's Manual on pages other than pages listed above, the same correction will also apply to the descriptions on those pages.

Correction contents of the R8C/L3AC group are shown below.

Incorrect: **Bold**; Correct: **Gray hatched**

Incorrect:

Table 10.3 Interrupts Used to Exit Wait Mode and Usage Conditions

Interrupt	CM02 to CM01 = 00b	CM02 to CM01 = 00b	CM02 to CM01 = 00b	CM02 to CM01 = 00b
Serial interface interrupt	Usable when operating with an internal or external clock.	Usable when operating with fC or an external clock	Usable when operating with an external clock	Usable when operating with an external clock
(abridgement)	(abridgement)	(abridgement)	(abridgement)	(abridgement)
Timer RG interrupt	Usable in all modes	Usable by selecting fOCO40M as count source.	Usable by selecting fOCO40M as count source.	Usable by selecting fOCO40M as count source.
(abridgement)	(abridgement)	(abridgement)	(abridgement)	(abridgement)

Correct:

Table 10.3 Interrupts Used to Exit Wait Mode and Usage Conditions

Interrupt	CM02 to CM01 = 00b	CM02 to CM01 = 00b	CM02 to CM01 = 00b	CM02 to CM01 = 00b
Serial interface interrupt	Usable when operating with an internal or external clock.	Usable when operating with fC or an external clock	Usable when operating with an external clock	Usable when operating with an external clock
(abridgement)	(abridgement)	(abridgement)	(abridgement)	(abridgement)
Timer RG interrupt	Usable in all modes	- (Do not use)	- (Do not use)	- (Do not use)
(abridgement)	(abridgement)	(abridgement)	(abridgement)	(abridgement)