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RENESAS TECHNICAL UPDATE

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Product Category	MPU/MCU		Document No.	TN-RZ*-A053A/E	Rev.	1.00
Title	RZ/T1 Group User's Manual: Hardware Restriction on Input capture function of MTU3a channel 1		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		

There is a restriction on Input capture function of MTU3a channel 1 (MTU1). The following describes restriction and correction of User's Manual Hardware.

1. Condition:

   When the IOB[3:0] bits of the Timer I/O Control Register (TIOR) of MTU1 are set to "111xb" as shown in the following table 19.15 and used Input capture function of MTU1 triggered by "occurrence of input capture in the MTU8.TGRC register".

2. Phenomenon

   MTU1 Input capture does not occur.

3. Correction

Page	Description
715 of 2635	[Current description] Table 19.15 TIOR (MTU1)

Bit7	Bit6	Bit5	Bit4	Description	
IOB3	IOB2	IOB1	IOB0	MTU1.TGRB Function	MTIOC1B Pin Function
…	…	…	…	…	…
1	1	1	x	Input capture register	Input capture at occurrence of compare match or input capture in the MTU8.TGRC register

[Correct description]
Table 19.15 TIOR (MTU1)

Bit7	Bit6	Bit5	Bit4	Description	
IOB3	IOB2	IOB1	IOB0	MTU1.TGRB Function	MTIOC1B Pin Function
…	…	…	…	…	…
1	1	1	x	Input capture register	Input capture at occurrence of compare match ~~or input capture~~ in the MTU8.TGRC register