

RENESAS TECHNICAL UPDATE

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Product Category	MPU/MCU		Document No.	TN-RX*-A080A/E	Rev.	1.00
Title	Changes to description of Timer Output Master Enable Register (TOER)		Information Category	Technical Notification		
Applicable Product	RX630 Group, RX63N Group, RX631 Group, RX63T Group, RX210 Group, RX21A Group, RX220 Group, RX111 Group		Lot No.	Reference Document	User's Manual: Hardware for applicable products (see the table at the bottom)	
			All lots			

Thank you for your valued patronage and best wishes for your continued success in business.

This document describes changes to description in Timer Output Master Enable Register (TOER).

A table of bits in Timer Output Master Enable Register (TOER) is changed as follows.

Bit	Symbol	Bit Name	Description	R/W
b0	OE3B	Master Enable MTIOC3B	0: MTU3 output is disabled *1 1: MTU3 output is enabled	R/W
b1	OE4A	Master Enable MTIOC4A	0: MTU3 output is disabled *1 1: MTU3 output is enabled	R/W
b2	OE4B	Master Enable MTIOC4B	0: MTU3 output is disabled *1 1: MTU3 output is enabled	R/W
b3	OE3D	Master Enable MTIOC3D	0: MTU3 output is disabled *1 1: MTU3 output is enabled	R/W
b4	OE4C	Master Enable MTIOC4C	0: MTU3 output is disabled *1 1: MTU3 output is enabled	R/W
b5	OE4D	Master Enable MTIOC4D	0: MTU3 output is disabled *1 1: MTU3 output is enabled	R/W
b7, b6	—	Reserved	These bits are always read as 1. The write value should be 1.	R/W

Note 1. To output a non-active level from each pin when MTU output is disabled, make necessary settings for non-active level output from general I/O ports in the data direction registers (PDR), port output data registers (PODR), and port mode register (PMR) in advance. For details, refer to I/O Ports section.

•Target products and Reference

Series	Group	Title	Rev.	Document No.
RX600	RX630	RX630 group User's Manual, Hardware section	1.50	R01UH0040EJ0150
	RX63N, RX631	RX63N group, RX631 group User's Manual, Hardware section	1.70	R01UH0041EJ0170
	RX63T	RX63T group User's Manual, Hardware section	2.10	R01UH0238EJ0210
RX200	RX210	RX210 group User's Manual, Hardware section	1.40	R01UH0037EJ0140
	RX21A	RX21A group User's Manual, Hardware section	1.00	R01UH0251EJ0100
	RX220	RX220 group User's Manual, Hardware section	1.00	R01UH0292EJ0100
RX100	RX111	RX111 group User's Manual, Hardware section	1.00	R01UH0365EJ0100