

[Notes]

R20TS0401EJ0100

Rev.1.0

Feb. 01, 2019

## e<sup>2</sup> studio Smart Configurator Plug-in, Smart Configurator for RX

### Outline

When using the e<sup>2</sup> studio Smart Configurator Plug-in and Smart Configurator for RX, note the following point.

1. Point for caution when using the GTIOCNm pin (n = 0 to 9, m = A, B) of the general PWM timer (GPTW) as a hardware source

### 1. Point for caution when using the GTIOCNm pin (n = 0 to 9, m = A, B) of the general PWM timer (GPTW) as a hardware source

#### 1.1 Applicable Products

- e<sup>2</sup> studio V7.2.0 (Smart Configurator Plug-in V1.5.0) or later
- Smart Configurator for RX V1.5.0 or later

#### 1.2 Applicable MCUs

- RX family: RX66T group

#### 1.3 Details

For the following functions of the general PWM timer (GPTW) <sup>(Note 1)</sup>, the GTIOCNm pin may not be set correctly when using the GTIOCNm pin input signals as a source <sup>(Note 2)</sup> due to an error in the GUI of the applicable product.

Note 1: Count start, count stop, counter clear, up-counting, down-counting, and input capture

Note 2: The related source select registers are as follows:

- General PWM Timer Start Source Select Register (GTSSR)
- General PWM Timer Stop Source Select Register (GTPSR)
- General PWM Timer Clear Source Select Register (GTCSR)
- General PWM Timer Count-Up Source Select Register (GTUPSR)
- General PWM Timer Count-Down Source Select Register (GTDNSR)
- General PWM Timer Input Capture Source Select Register A (GTICASR)
- General PWM Timer Input Capture Source Select Register B (GTICBSR)

For details, refer to the technical updates of the applicable MCU.

[https://www.renesas.com/search/keyword-search.html#genre=document&q=TN-RX\\*-A0205A](https://www.renesas.com/search/keyword-search.html#genre=document&q=TN-RX*-A0205A)

Errata to RX66T Group User's Manual: Hardware Rev.1.00

### 1.4 Workaround

Select the source after setting the GTIOcNA pin and the GTIOcNB pin as inputs in the GUI of the applicable product.

### 1.5 Schedule for Fixing the Problem

This problem will be fixed in the next version. (Scheduled to be released in April 2019.)

**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	Feb. 01, 2019	-	First edition issued

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