[Notes]

e^2 studio Smart Configurator Plug-in,

Smart Configurator for RX

Outline

When using the e^2 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

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1.1 Applicable Products

➢ e^2 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) (Note 1), the GTIOCnm pin may not be set correctly when using the GTIOCnm pin input signals as a source (Note 2) 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

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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