R20TS0354EJ0100

Rev.1.00

Oct. 1, 2018

[Upgrade to revision] e² studio Code Generator Plug-in AP4 Coding Assistance Tool for RZ

Outline

The products in the title have been updated to revision as listed below.

- (1) e^2 studio Code Generator Plug-in: V2.10.0 to V2.11.0
- (2) The AP4 coding assistance tool for RZ: V1.07.00 to V1.08.00

1. Products and Versions to Be Updated

- ▶ e² studio V7.0.0 (Code Generator Plug-in V2.10.0) and all earlier versions
- AP4 coding assistance tool for RZ V1.07.00 and all earlier versions

2. Items Revised

The main features of the update are listed in section 2.1. Refer to the following release note for details.

- e² studio Code Generator Plug-in
 e² studio V7.1.0 Release Notes. This document will be released on October 5.
 <u>https://www.renesas.com/search/keyword-search.html#genre=document&q=r20ut4393</u>
- AP4 Coding Assistance Tool for RZ
 AP4 for RZ V1.08.00 Release Notes. This document will be released on October 5.
 https://www.renesas.com/search/keyword-search.html#genre=document&q=r20ut4416

2.1 Improved Functionality

The following functions have been improved.

- (1) FIQ setting of interrupt controller has been added on the GUI.
 - −FIQ setting ______ Generates r_fiq_handler
- (2) MPU (Memory Protection Unit) setting has been added on the GUI.

- Memory protection unit setting						
Unused Used						
- Default Memory Map setting						
Enable Default Memory Map						

(3) **Option** of data handling by DMAC has been added in the setting for the RSPI in addition to the normal interrupt service routines.

-Data handling setting			
Data handing bearing			If you want to use this, you have to select
Transfer data handling	Data handled by DMAC	~	the "RSPI ch0(SPRI0 vect=80)"
			or "RSPI ch0(SPTI0 vect=81)" on the activation source of DMAC.

(4) **Option** of data handling by DMAC has been added in the setting for the RIIC in addition to the normal interrupt service routines.

 Data handling setting 			
Transfer data handling	Data handled by DMAC	~	If you want to use this, you have to select the "RIIC ch0(RXI0 vect=122)" and "RIIC ch0(TX0 vect=123)"
			on the activation source of DMAC.

3. Updating Your Product

Updating method varies by the product you are using.

Refer to the following for details. Either product can be updated for free.

3.1 Updating e² studio Code Generator Plug-in

To update the Code Generator Plug-in, start e² studio before update.

For updating e² studio, refer to section 3, "Updating Your Product" in RENESAS TOOL NEWS (Document No.: R20TS0352EJ0100). This document will be released on October 5. https://www.renesas.com/search/keyword-search.html#genre=document&q=r20ts0352

3.2 Updating AP4 Coding Assistance Tool for RZ

To install the program, download the installer from the URL below. The update will be released on October 5.

https://www.renesas.com/applilet#downloads



Revision History

Γ			Description		
	Rev.	Date	Page	Summary	
Γ	1.00	Oct. 01, 2018	-	First edition issued	
Γ					

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