

Note on Using Code Generator Managed by CubeSuite+

When using Code_Generator managed by CubeSuite+, take note of the following two problems:

- When edited source codes disappear
 - When the port cannot be set properly
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1. When Edited Source Codes disappear

1.1 Products and Versions Concerned

- CubeSuite+ Code_Generator for RL78_78K V1.00.01 through V2.00.00
- CubeSuite+ Code_Generator for V850 V1.00.02 through V2.00.00

1.2 Description

If you select Merge File in Generate File Mode in the property of code generator and the source codes are written between each comment below, the file will be merged.

```
/* Start user code. Do not edit comment generated here */
```

```
/* End user code. Do not edit comment generated here */
```

However, if the number of braces ("{" and "}") in the edited source codes (including the comments) are not the same, the edited source codes may disappear when you run the code generator.

1.3 Solution

When using a function that merges files make sure that the number of braces ("{" and "}") in the source codes (including the comments) are the same.

2. When the Port Cannot Be Set Properly

2.1 Product and Versions Concerned

CubeSuite+ Code_Generator for RL78_78K V1.00.01 through V2.00.00

2.2 Description

The port may not be set properly in the code generator for the RL78/G1A group, which is included in the product concerned.

2.3 Workaround

Check the void R_PORT_Create() function of the generated code and correct the code by referring to the example below.

Example of outputted source:

If running the code generator with R5F10EBA for RL78/G1A setup and using the "PORT 13" in output mode, the code below will be output in the void R_PORT_Create() function.

Wrong code:

```
-----  
PM1 = _01_PMn0_NOT_USE | _02_PMn1_NOT_USE | _04_PMn2_NOT_USE |  
_00_PMn3_MODE_OUTPUT | _10_PMn4_NOT_USE | _20_PMn5_NOT_USE |  
_F8_PM1_DEFAULT;  
-----
```

The correct code is as below:

Rewrite_F8 (0xF8) to _C0 (0xC0) in _F8_PM1_DEFAULT.

Correct code:

```
-----  
PM1 = _01_PMn0_NOT_USE | _02_PMn1_NOT_USE | _04_PMn2_NOT_USE |  
_00_PMn3_MODE_OUTPUT | _10_PMn4_NOT_USE | _20_PMn5_NOT_USE |  
_C0_PM1_DEFAULT;  
-----
```

2.4 Schedule for Fixing Problem

We plan to fix this problem in the next version of CubeSuite+.

If you need to take measures against this problem before the next release, please consult your local Renesas Electronics marketing office or distributor.

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