

## Note on Using Code Generator for RL78 Family, 78K0R, and 78K0 MCUs, Which is Used with CubeSuite+

When using the code generator for the RL78 family, 78K0R, and 78K0 MCUs, which is used with CubeSuite+, take note of the following problem:

- With generating codes for the R5F1007x and R5F1017x MCUs, RL78/G13 group
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### 1. Product and Versions Concerned

CubeSuite+ Code\_Generator for RL78\_78K (the code generator for the RL78 family, 78K0R and 78K0 MCUs, which is used with the CubeSuite+ package for these MCUs) V1.00.04 and V1.00.05

To check to see the version number of your product, follow these steps:

- (1) Open the Add/Remove Programs list in Windows Control Panel.
- (2) Click the icon of CubeSuite+ Code\_Generator for RL78\_78K.
- (3) Then click "Click here for support information."

The version number will be shown.

### 2. Description

If you generate the C source file `r_cg_port.c`, which sets the pin statuses of Port 0 of the R5F1007x and R5F1017x MCUs, RL78/G13 group, an incorrect line is generated as follows:

```
PMC0 = _00_PMCn0_DI_ON | _00_PMCn1_DI_ON | ;
```

Here, an expression is omitted at the last end, so when the build is executed by using this file, an error arises.

### 3. Workaround

In the r\_cg\_port.c file, read:

```
PMC0 = _00_PMCn0_DI_ON | _00_PMCn1_DI_ON | _FC_PMC0_DEFAULT;
```

for:

```
PMC0 = _00_PMCn0_DI_ON | _00_PMCn1_DI_ON | ;
```

#### 4. Schedule of Fixing Problem

We plan to fix this problem in the next version of CubeSuite+ Code\_Generator for RL78\_78K. (To be released in November 2012; at the same time of releasing the V1.03.00 product of the common program to the CubeSuite+ packages.)

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