# **RENESAS** Tool News

### RENESAS TOOL NEWS on September 1, 2012: 120901/tn1

## 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 using the code generator for the RL78/G12 group

### 1. Product and Versions Concerned

CubeSuite+ Code\_Generator for RL78\_78K 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."

You see the version number of yours.

### 2. Description

The following problem arises in the code generator for the RL78/G12 group included in the product concerned:

- If you make settings of the key interrupt flag and the triggering edge, the settings cannot properly be reflected to the KRCTL register by the generated code.

### Example:

If you select Use among from the key flag pull-down list and Falling Edge among from the triggering edge pull-down list, the code generator generates the following incorrect codes.

KRCTL |= \_00\_KR\_FLAG\_UNUSED;

KRCTL |= \_01\_KR\_EDGE\_RISING;

The correct codes are as follows:

KRCTL |= \_01\_KR\_FLAG\_USED; KRCTL |= \_00\_KR\_EDGE\_FALLING;

#### 3. Workaround

See the latest hardware manual of the RL78/G12 group of MCUs, and edit the incorrect codes to rectify them.

#### 4. Schedule of Fixing Problem

We plan to fix this problem in the code generator for RL78 and 78K included in the next version of CubeSuite+ (to be published at the end of 2012).

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