

## Note on Using Application Leading Tool for RL78

When using automatic driver generator Application Leading Tool for RL78, take note of the following problem:

- With using the remote control carrier wave mask signal in the RL78/L13 group

### 1. Products Concerned

Application Leading Tool for RL78 V1.02.00

### 2. MCUs Involved

RL78/L13 group of MCUs (RL78 family)

### 3. Description

There is an error in the R\_TAU0\_Channel2\_Stop function for output when PWM output (remote control carrier wave mask signal) is selected in timer channel 2.

### 4. Workaround

In the line where a value is set for the TDO register value in the code output by void R\_TAU0\_Channel2\_Stop(void) in the r\_cg\_timer.c file, correct each OR operator to an AND operator.

This should be corrected manually every time a code is generated.

Example:

Source code before modified

```
-----  
TO0 &= ~_0004_TAU_CH2_OUTPUT_VALUE_1 |  
~_0008_TAU_CH3_OUTPUT_VALUE_1 |  
    ~_0010_TAU_CH4_OUTPUT_VALUE_1 |  
~_0020_TAU_CH5_OUTPUT_VALUE_1;  
-----
```

Source code after modified

```
-----
```

```
TO0 &= ~_0004_TAU_CH2_OUTPUT_VALUE_1 &  
~_0008_TAU_CH3_OUTPUT_VALUE_1 &  
    ~_0010_TAU_CH4_OUTPUT_VALUE_1 &  
~_0020_TAU_CH5_OUTPUT_VALUE_1;  
-----
```

## 5. Schedule for Fixing the Problem

This problem will be fixed in the next version of the Application  
Leading Tool for RL78.

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