RENESAS Tool News

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

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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.