RENESAS Tool News

Note on Using Application Leading Tool for RL78/L13

When using automatic driver generator Application Leading Tool for RL78/L13, take note of the following problem:

- When the timer KB20 is in Use

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1. Product and Versions Concerned
Application Leading Tool for RL78/L13 V1.00.00

2. MCUs Involved
RL78/L13 group of MCUs (RL78 family)

3. Description
When the timer KB20 is in use, the settings for
Standalone mode (period controlled by external trigger input) and
Interleave PFC (power factor correction) output mode may prevent
the correct output of the API functions.

4. Workaround
Make settings in Code Preview so that the following API functions
are output manually.
  - R_KB20_Create
  - R_KB20_Start
  - R_KB20_Stop
  - R_KB20_Set_BatchOverwriteRequestOn
  - R_KB20_TKBO0n_SmoothStartFunction_Start
  - R_KB20_TKBO0n_SmoothStartFunction_Stop
  - R_KB20_TKBO0n_DitheringFunction_Start
  - R_KB20_TKBO0n_DitheringFunction_Stop
  - R_KB20_TKBO0n_Forced_Output_Stop_Function1_Start
  - R_KB20_TKBO0n_Forced_Output_Stop_Function1_Stop

5. Schedule for Fixing the Problem
This problem will be fixed in the next version of Application

Leading Tool for RL78/L13.