[Notes]

CS+ and e² studio Integrated Development Environments

Outline

When using the CS+ or e² studio integrated development environment with the E2 emulator, note the following point.

1. When QE for Current Consumption, a tool for current consumption measurement, is used for the RL78 family

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1.1 Applicable Products

(1) CS+ integrated development environment shown below

➢ C Compiler Package for RL78 Family (with IDE)

  CS+ for CC integrated development environment V6.00.00

➢ Evaluation edition of the CS+ integrated development environment

  CS+ for CC integrated development environment V6.00.00

(2) e² studio integrated development environment V6.0.0

The problem applies when the integrated development environments shown above are used with the following emulator and MCUs:

- Applicable emulator: E2 emulator

- Applicable MCUs: RL78 family

1.2 Details

If the current consumption of the user system is 0.5 mA or less during measurement of the current consumption, the current value of the measurement result may be inappropriately large, and the waveform of the current value may not be displayed correctly.

1.3 Provisional Countermeasures

We will offer the CS+ or e² studio integrated development environment for which we have taken respective countermeasures against the phenomenon shown in section 1.2. Contact your local Renesas Electronics sales office or distributor if necessary.

Note that we have also taken countermeasures against the problem described in the following tool news for the CS+ and e² studio integrated development environments for which we have already taken countermeasures against the problem described in this document.

- RENESAS TOOL NEWS, Document No. R20TS0205EJ0100

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  1. When the E2 Emulator is Used for the RL78 Family

    https://www.renesas.com/search/keyword-search.html#genre=document&q=r20ts0205

1.4 Schedule for Fixing the Problem

We will fix the problem in the revised versions of the CS+ and e² studio integrated development environments that are planned to be made available in January 2018.

Revision History

Rev.	Date	Page	Summary
		Description	
1.00	Oct. 16, 2017	-	First edition issued

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■Inquiry

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