[Notes]

IECUBE Full-Spec. Emulator for RL78 Family

Outline

When using the IECUBE full-spec. emulator for the RL78 family, note the following point.

1. Using the A/D converter function

1. Using the A/D Converter Function

1.1 Applicable Products

IECUBE for the RL78 family

Table 1 Names of Applicable Products

Name of Applicable Product	Reference Letter	Bottom Label
QB-RL78F14(Note)	A	Without the "A-2" sticker
QB-RL78L12	A	Without the "A-2" sticker

Note: Also applicable when the "A-100-pin" sticker exists

You can check the reference letter on the label on the bottom of the IECUBE main unit. The reference letter is in the second position from left in the 10-digit serial number.
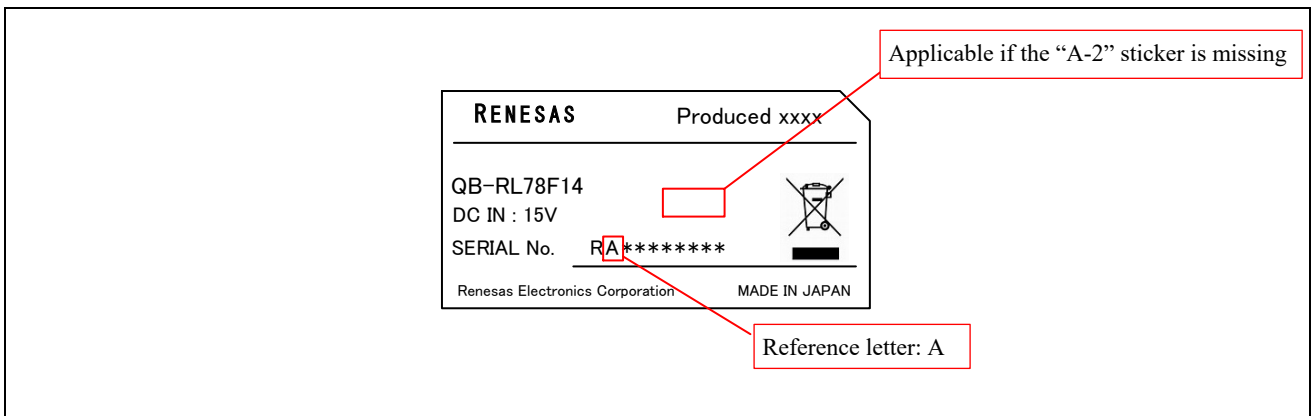

Figure 1. Checking the reference letter (on the label of a QB-RL78F14 in the example)

1.2 Details

If a signal with a cycle that is faster than 100 kHz is input to or output from a pin that also functions as the ANIx pin, A/D conversion might result in an abnormal value.

This problem only occurs with IECUBE. It does not occur with actual devices, on-chip debuggers, or simulators.

1.3 Workaround

There is currently no workaround for this problem. See section 1.4, and arrange to have the product repaired.

1.4 Schedule for Fixing the Problem

The product needs to be repaired immediately.

1.4.1 Repairing the Applicable Products

Contact your local Renesas Electronics sales office or distributor if you have the applicable product.

Your product will be repaired by Renesas free of charge.

After repair, an "A-2" marker will be added to the label on the bottom of the IECUBE main unit.
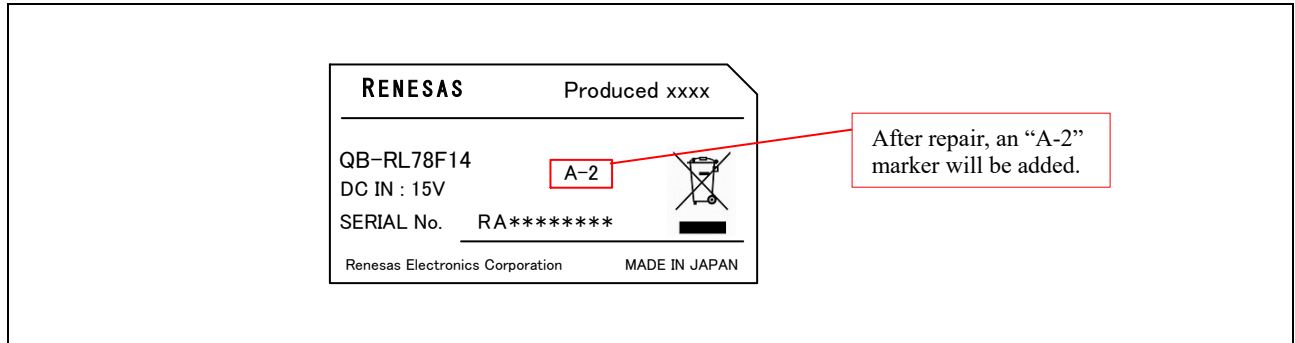

Figure 2. Confirming the completion of repair (on the label of a QB-RL78F14 in the example)

➢ Application period for repair:

Requests for repair will be accepted from March 16, 2018 until March 15, 2019.

If you cannot apply within the period, contact your local Renesas Electronics sales office or distributor in advance.

➢ Number of work days:

Please allow approximately 20 business days (not including the transportation time) for repair after the product arrives at the Renesas repair center.

➢ Others:

We regret that we cannot offer any alternative products during repair. In addition, if a product we receive from you is out of order, you may be charged separately for repair costs.

Revision History

Rev.	Date	Description	
		Page	**Summary**
1.00	Mar. 16, 2018	-	First edition issued

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■Inquiry

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