

Microcontroller Technical Information

QB-78F1026 In-Circuit Emulator for 78K0R/KC3-L (USB), 78K0R/KE3-L (USB) Usage Restrictions	Document No.	ZBG-CD-10-0026	1/1
	Date issued	July 29, 2010	
	Issued by	MCU Tool Product Marketing Department MCU Software Division MCU Business Unit Renesas Electronics Corporation	
Related documents QB-78F1026 In-Circuit Emulator for 78K0R/KC3-L (USB), 78K0R/KE3-L (USB) - Upgrade: ZBG-CD-10-0027	Notification classification	√	Usage restriction
			Upgrade
			Document modification
			Other notification

1. Affected product and version

Product	Outline	Control Code ^{Note}
QB-78F1026	In-circuit emulator for 78K0R/KC3-L (USB), 78K0R/KE3-L (USB)	A

Note The control code is the second digit from the left in the 10-digit serial number. To see if the product has been upgraded, click the ID78K0R-QB **Help** menu, select **About**, and then check the control code. X in **IECUBE **** X F/W: V*.**** is the control code.

2. New restriction

Restriction No. 1 has been added. See the attachment for details.

3. Workarounds

See the attachment for details.

4. Modification schedule

Products in which No. 1 is corrected are scheduled for release as follows:

Newly shipped products (control code B): Shipments as of July 30, 2010
 Upgrade for already shipped products: Available from July 30, 2010

* Note that this schedule is subject to change without notice. For the detailed release schedule of modified products, contact a Renesas Electronics sales representative or distributor.

5. List of restrictions

See the attachment.

6. Document revision history

QB-78F1026 In-Circuit Emulator for 78K0R/KC3-L (USB), 78K0R/KE3-L (USB) - Usage Restrictions

Document Number	Issued on	Description
ZBG-CD-10-0026	July 29, 2010	1st edition

Operating Precautions for QB-78F1026

This document describes the restrictions applicable to this emulator. Note that some restrictions have been corrected in later control codes.

See the following documents for the restrictions related to the target device:

- User's manual of target device
- Restrictions notification document for target device

Also see the user's manual for cautions on using the emulator.

1. Product Version

The product versions of Renesas Electronics in-circuit emulators are indicated by a control code. The control code is the second digit from the left in the 10-digit serial number. To see if the product has been upgraded, click the ID78K0R-QB **Help** menu, select **About**, and then check the control code.

In Figure 2, **X** in **IECUBE **** X F/W: V*.**** is the control code.

Figure 1. Checking the Control Code (Label on QB-78F1026)

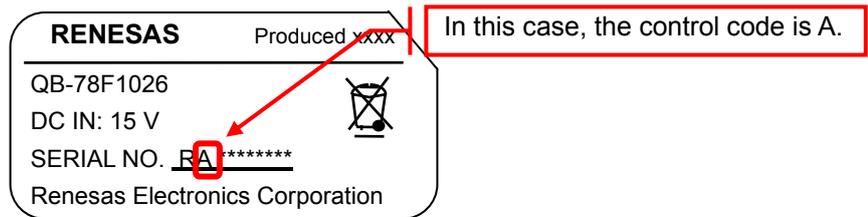
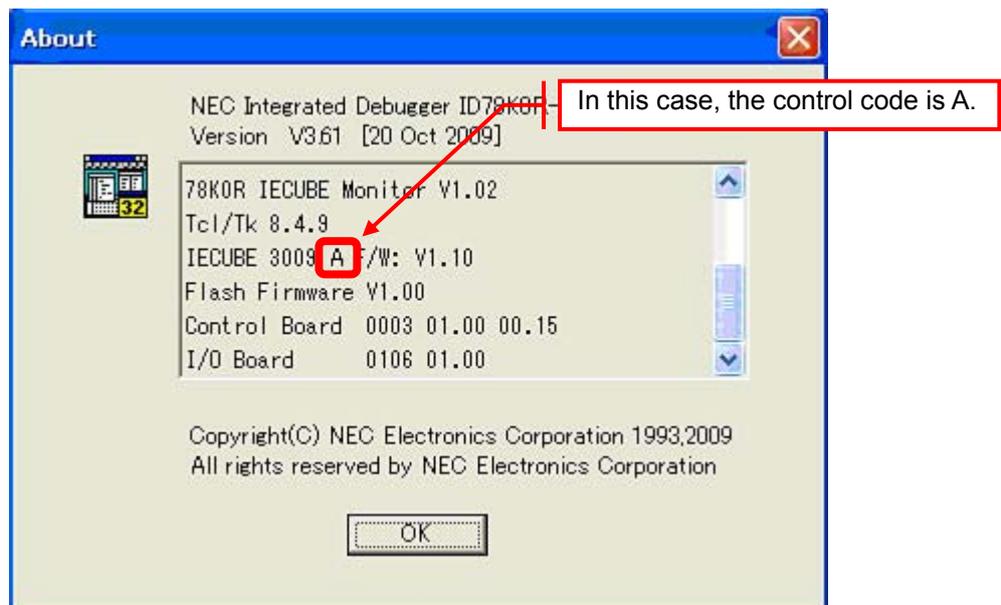


Figure 2. Checking the Control Code (ID78K0R-QB)



2. Restrictions

2.1 List of restrictions

No.	Restrictions	Control Code
		A
1	Execution branching from RAM code to ROM code	×

–: Not relevant, ×: Applicable, ○: Corrected

2.2 Restriction details

No. 1 Execution branching from RAM code to ROM code

Description:

When execution branches from RAM code to ROM code, the now-invalid instruction at the address following the branch instruction is traced. This is only a problem with displaying the trace result; the program runs correctly.

Note that, if an event is specified for the invalid instruction, the event will actually occur.

Workaround:

There is no workaround.

Correction:

This issue will be corrected in QB-78F1026 with control code B.