

# Microcontroller Technical Information

QB-179F124 In-Circuit Emulator for $\mu$ PD179F1xx  Upgrade	Document No.	ZBG-CD-10-0038	1/2
	Date issued	October 4, 2010	
	Issued by	MCU Tool Product Marketing Department MCU Software Division MCU Business Unit Renesas Electronics Corporation	
Related documents QB-179F124 Operating Precautions (Control Code: A, B, C): ZUD-CD-10-0244 How to Upgrade QB-179F124: ZUD-CD-10-0245	Notification classification		Usage restriction
		√	Upgrade
			Document modification
			Other notification

## 1. Target product and version

Product	Outline	Control Code <sup>Note</sup>	Upgrade Method
QB-179F124	In-circuit emulator for $\mu$ PD179F1xx	A, B	Upgrade by user or upgrade by sending the product to Renesas Electronics

**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 ID78K0-QB **Help** menu, select **About**, and then check the control code. X in **IECUBE \*\*\*\* X F/W: V\*. \*\*** is the control code.

## 2. Upgrade details

Restriction no. 3, which is described in *QB-179F124 In-Circuit Emulator for  $\mu$ PD179F1xx - Usage Restrictions* (ZBG-CD-10-0037), will be corrected.

After upgrading, the control code will be C. See the document for details.

## 3. Upgrade start date

Two types of upgrade are available: upgrade by the user and upgrade by sending the product to Renesas Electronics. Both methods are available, but we recommend that you upgrade the product, because upgrades by sending the product to Renesas Electronics may require two weeks or longer.

### 3.1 Upgrade by user

*The upgrade file can be downloaded from the website starting on October 12, 2010.*

This schedule may be shifted.

The latest version of the upgrade file (for firmware, FPGA data, etc.) is available on the **Development Tools Download** page on the Renesas Electronics website. Download the latest version and upgrade the product by referring to *How to Upgrade QB-179F124* (ZUD-CD-10-0245), which is included with the upgrade file.

URL: <http://www2.renesas.com/micro/en/ods/> → Click **Version-up Service**.

Category: Each Development Tool → IECUBE\_Software

Product Name: QB-179F124

Version: Rev. C

### 3.2 Upgrade by sending the product to Renesas Electronics

*Upgrading by sending the product will be available starting on October 12, 2010.*

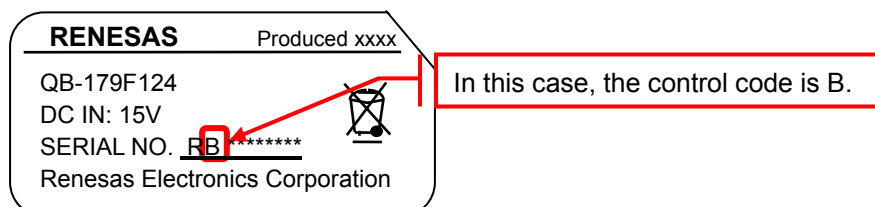
For details, contact a Renesas Electronics sales representative or distributor.

The upgrade described herein will be provided for free for a period of one year from the above date. After the free upgrade period expires, an upgrade will be available for a fee. We therefore recommend that you take advantage of the free upgrade offer during the free upgrade period.

The product version of the Renesas Electronics in-circuit emulator IECUBE is 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 ID78K0-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-179F124)**



**Figure 2. Checking the Control Code (ID78K0-QB)**

