
QB-78K0KX2C (Control Code: A,B)R20AN0082EJ0100
Rev.1.00
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This document describes the following items. Refer to the user's manual for cautions on using an in-circuit emulator.

- Restrictions not applicable to the target device but applicable to an in-circuit emulator
- Restrictions applicable to both the target device and an in-circuit emulator but the correction is planned only for the in-circuit emulator

Also refer to the following documents for the restrictions in the target device.

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

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Chapter 1. Operating Precautions for QB-78K0KX2C

1. Product Version

The product versions of Renesas Electronics in-circuit emulators IECUBE are indicated by a control code. The control code is the second digit from the left in the 10-digit serial number. If the product has been upgraded, the control code can be checked by selecting [About] from the [Help] menu while the ID78K0-QB is running. In Figure 2, "X" in version information "IECUBE **** X F/W: V*.**" is the control code.

Figure 1. Checking Control Code (Label on QB-78K0KX2C)

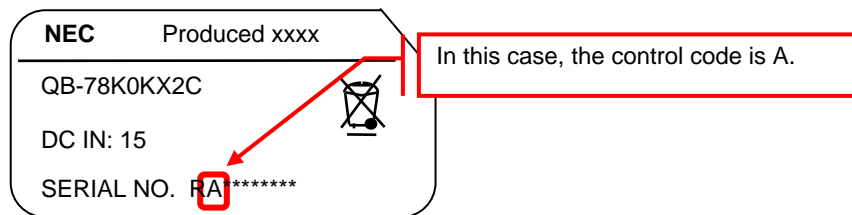
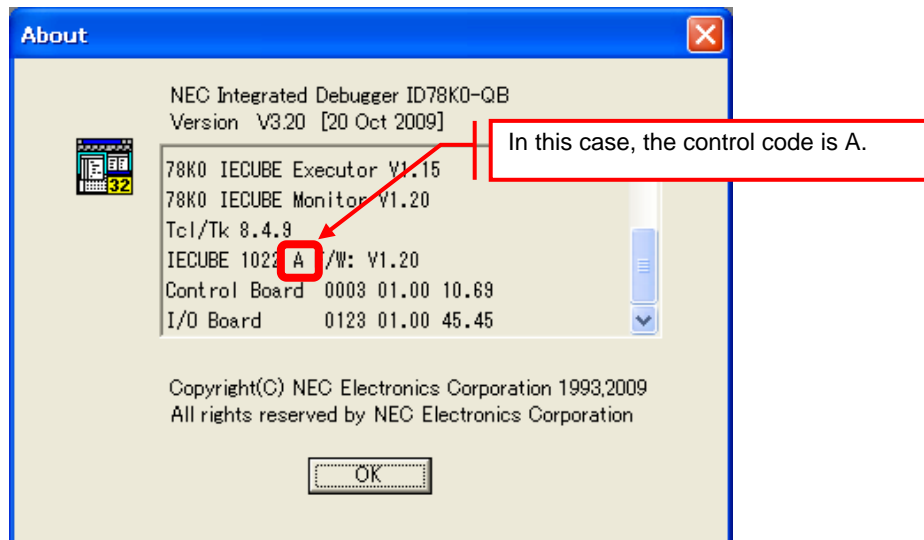


Figure 2. Checking Control Code (ID78K0-QB)



Chapter 2. Supported Devices

Control Code	Supported Devices
A	78K0/KC2-C, 78K0/KE2-C
B	

Chapter 3. Changed Specifications

The specifications changed in QB-78K0KX2C with control code B are as follows.

3.1 List of changed specifications

No.	Changed or Added Specifications	Control Code	
		A	B
1	Correspondence to operation voltage (V_{DD}) expansion.	×	○

×: Change not implemented, ○: Change implemented

3.2 Details of specifications

No.1 Correspondence to operation voltage (V_{DD}) expansion.

[contents] The operation voltage (V_{DD}) of the device was expanded, so the operation voltage (V_{DD}) of IECUBE was also expanded. It corresponds beyond control code B. The document is revised with expansion of the operation voltage (V_{DD}). The document number of User's manual is R20UT0590EJ0200.

The operation voltage (V_{DD}) before specification expansion. : 2.7V-3.6V

The operation voltage (V_{DD}) after specification expansion. : 1.8V-5.5V

Chapter 4. Revision History

Document Number	Issued on	Description
R20AN0082EJ0100	March 24, 2011	Newly created.