

Note on Using In-circuit Emulators IECUBE2 and IECUBE, and On-chip Debugging Emulators MINICUBE2 and MINICUBE

When using the emulators IECUBE2, IECUBE, MINICUBE2, and MINICUBE together with the host PC whose OS is either the 64-bit edition of Windows 7 or the 64-bit edition of Windows Vista, take note of the problem described below.

1. Products Concerned

The following emulators are concerned in this problem:

- In-circuit Emulator IECUBE2
- In-circuit Emulator IECUBE
- On-chip debugging emulator MINICUBE2
- On-chip debugging emulator MINICUBE

2. Problem

The IECUBE2, IECUBE, MINICUBE2, and MINICUBE are not recognized correctly as hardware by the host PC, and the USB drivers they use be expressed as "Unknown device" on the device manager of Windows.

3. Conditions

This problem arises if you use the following host OS and USB driver:

(1) Host OS

64 bit edition of Windows 7, or
64 bit edition of Windows Vista

(2) USB driver

USB Driver x64 for Renesas MCU Tools V2.61.00, or
USB Driver x64 for Renesas MCU Tools V2.61.01

To check to see the version number of your USB driver, follow these steps:

- a. On the Control Panel of Windows, open "Programs and Features."
- b. In the list that appears, see the version number of USB

Driver x64 for Renesas MCU Tools; for example, V2.61.0191.
Here, neglect the last two digits: in this case, "91."

The above USB driver is included in the following products:

- (1) Integrated development environment CubeSuite+ V1.03.00
- (2) Flash programming software tool
Renesas Flash Programmer V2.00.00
- (3) On-board programmer PG-FP5 V2.09

4. Workarounds

- (1) When you are using the USB driver described in Article 3 (2):
We are supplying the problem-fixed USB driver (V2.61.02) from November 22, 2012. (See NOTICE.)
For how to obtain this driver, see Section 5.
- (2) When you use CubeSuite+ V1.03.00 or Renesas Flash Programmer V2.00.00 for the first time:
Do not use the USB driver included with the product, but use the problem-fixed one, which we are supplying as stated in (1) above.
- (3) When you are already using CubeSuite+ or Renesas Flash Programmer, and the version of the USB driver is earlier than V2.61.00:
Do not install the USB driver V2.61.00 or V2.61.01, but use the existing one as before.
If you update your USB driver to V2.61.02, see Section 5.

NOTICE:

When you need to use the problem-fixed USB driver before November 22, 2012, please contact your local Renesas Electronics marketing offices or distributor.

We will provide you with a maintenance release of the USB driver. However, be sure to update yours to the USB driver supplied from November 22, 2012; that is, to V2.61.02.

5. Schedule of Fixing Problem

We plan to fix this problem in USB Driver x64 for Renesas MCU Tools V2.61.02. This driver can be obtained as follows:

- When you are using CubeSuite+:
Download V2.61.02 from:

https://www.renesas.com/cs+_download

The install it. This Web site will be opened on November 22, 2012.

You can also use Update Manager to update yours to V2.61.02.

- When you are using Renesas Flash Programmer:

Download V2.61.02 from:

https://www.renesas.com/rfp_download

The install it. This Web site will be opened on November 22, 2012.

We are including USB Driver x64 for Renesas MCU Tools V2.61.02 in the next versions of CubeSuite+, Renesas Flash Programmer, and PG-FP5.

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