

To our customers,

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## Old Company Name in Catalogs and Other Documents

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Renesas Electronics website: <http://www.renesas.com>

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Renesas Electronics Corporation

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# Updating the USB Driver for the E6000/E8000 Emulator

Thank you for purchasing our product. Please observe the following cautions on usage of the USB Adapter for E6000/E8000 Emulator (HS6000EIU01).

## 1 Overview

We have modified the USB driver (new file version: 6.0.01.000) because there is a problem that the emulator does not start up correctly when the USB Adapter for E6000/E8000 Emulator (HS6000EIU01; hereafter referred to as the USB adapter) is in use to connect the E8000, E8000S, E6000, or E6000H emulator to certain host computers, in which Windows® 98SE\* has been installed. This problem can be solved by updating the USB driver on the host computer.

Note: Windows® 98SE is an abbreviation for Microsoft® Windows® 98 Second Edition operating system.

## 2 Conditions

This problem is relevant to certain host computers in which Windows® 98SE has been installed. Updating of the USB driver is only necessary in cases where the emulator does not start up correctly even though Windows® 98SE recognizes the USB driver.

## 3 Check and Preparation before Updating the USB Driver

### 3.1 Checking the Operating System

The USB driver of version 6.0.01.000 is only provided as a solution to this problem. Do not update your USB driver if you are using the operating system other than Windows® 98SE or the emulator starts up correctly under Windows® 98SE.

### 3.2 Checking the Emulator

This USB driver is exclusively for use by the USB Adapter for E6000/E8000 Emulator (HS6000EIU01). Do not use this USB driver for any other emulators that we offer.

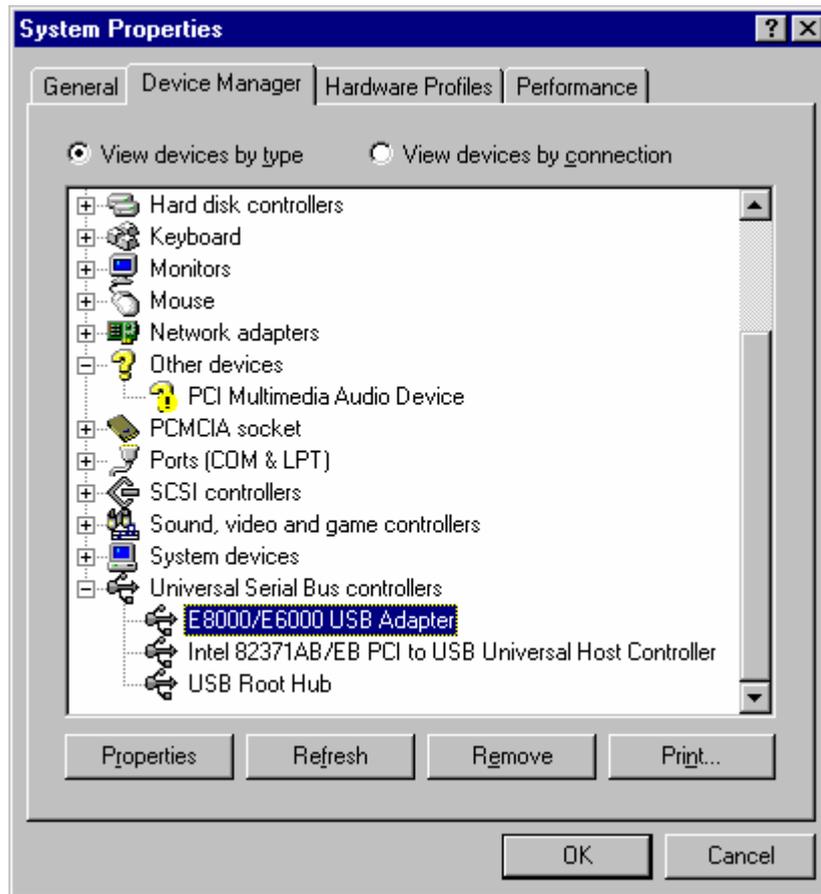
### 3.3 Preparing to Update the USB Driver

1. Download the file required for updating (uleusb6001.exe) from our website. Execute this file on the host computer where the USB driver is to be updated and then expand the USB driver files in any folder that is suitable. In this document, we assume that the USB driver files have been expanded in folder [c:\uleusb6001].
2. Connect the USB cable to the host computer before starting to update the USB driver.

#### 4 Procedure to Update the USB Driver

Follow the procedure listed below on the host computer where the USB driver is to be updated.

1. Open the [System Properties] dialog box from [System] of [Control Panel]. Select the [Device Manager] tab on the dialog box.
2. Click the [-] mark next to [Universal Serial Bus controllers] in the tree.



3. Select [E8000/E6000 USB Adapter] under [Universal Serial Bus controllers] and then click the [Properties] button. The [E8000/E6000 USB Adapter Properties] dialog box appears.



4. Select the [Driver] tab on the [E8000/E6000 USB Adapter Properties] dialog box and click the [Update Driver] button. The [Update Device Driver Wizard] dialog box appears.



5. Click [Next >] and then select [Search for a better driver than the one your device is using now. (Recommended)].

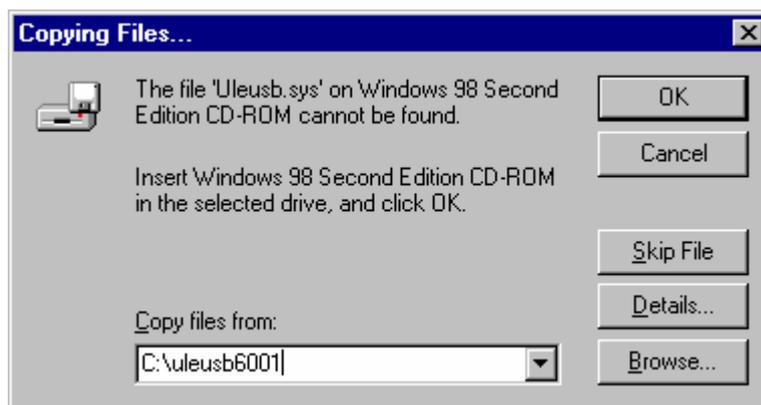


6. Click [Next >] again. Check [Specify a location:] and select the folder where the USB driver files have been expanded ([c:\uleusb6001] in this example).



7. Clicking [Next >] displays a confirmation message. Click [Next >] again. This starts copying of files.

8. The [Copying Files] dialog box appears. Select the folder where the USB driver files have been expanded in [Copy files from:] ([c:\uleusb6001] in this example).

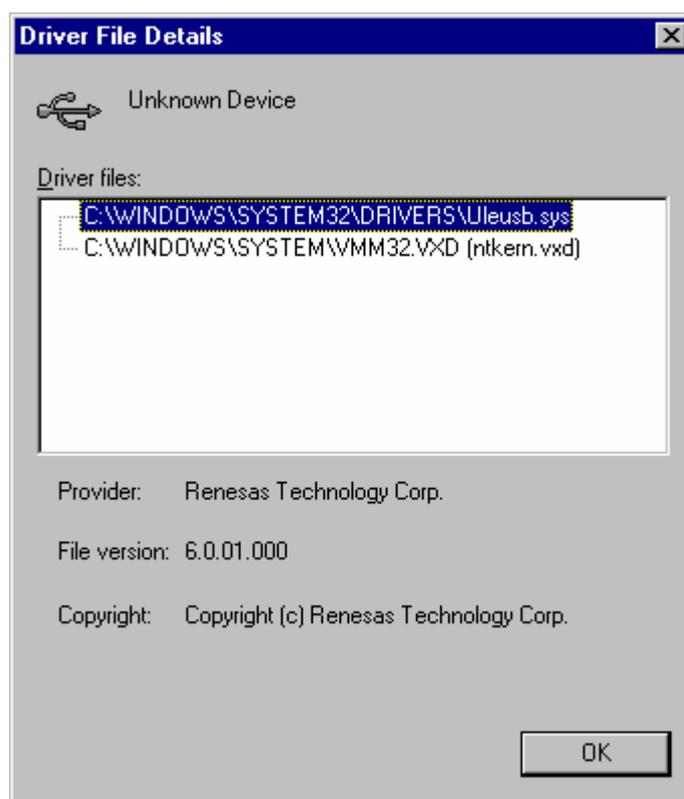


9. Click the [OK] button. After copying of the files have been completed, click the [Finish] button on the [Update Device Driver Wizard] dialog box.
10. Restart the host computer.

## 5 Checking that the USB Driver has been Updated

Follow the procedure listed below to check that the USB driver has been updated correctly.

1. Open the [E8000/E6000 USB Adapter Properties] dialog box from the [System Properties] dialog box.
2. Select the [Driver] tab and click the [Driver File Details] button. The [Driver File Details] dialog box appears. Select Uleusb.sys from the list in the [Driver File Details] dialog box and check the file version of the USB driver.



3. File version is 6.0.01.000 if the USB driver has been correctly updated.