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April 1st, 2010
Renesas Electronics Corporation

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Description Notes on Using USB Adapter for E6000/E6000H/E8000 Emulator (HS6000EIU02H)

Renesas Microcomputer Development Environment System

HS6000EIU02HE

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98SE in this description notes.

Microsoft® Windows® Millennium Edition operating system is referred to as Windows® Me in this description notes.

Microsoft® Windows® 2000 operating system is referred to as Windows® 2000 in this description notes.

Microsoft® Windows® XP operating system is referred to as Windows® XP in this description notes.

2. Displays in this notes are examples at using the Windows® 2000.
3. Pentium® is a registered trademark of Intel.



Section 3	Preparation Before Use
3.1	Connecting USB Cable to USB Adapter
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Section 5	Troubleshooting.....
Section 6	External Dimensions of the USB Adapter



The host computer containing Windows® and the USB adapter are connected via the USB cable.

The USB adapter and the E6000/E6000H/E8000 emulator are connected through the PC interface cable.

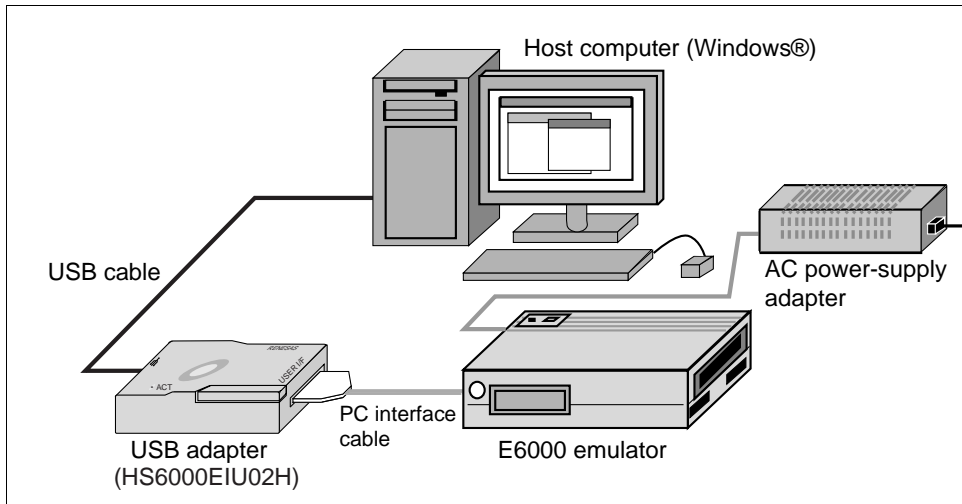


Figure 1.1 System Configuration of E6000 Emulator Connection

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double the memory capacity (four-times or more recommended swap area.)

USB interface	Complied with USB Specification Rev. 1.1
Basic software	Windows® 98SE*, Windows® Me, Windows® 2000, or Windows

Note: The USB interface driver may not operate in some computers incorporating Windows 98SE.




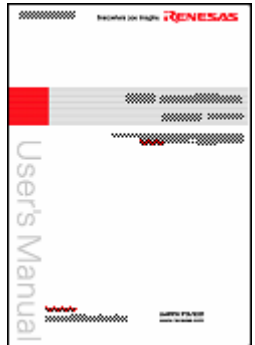
1.3 Environmental Conditions

CAUTION

Observe the conditions listed in table 1.2 when using the USB adapter. Failure to do so will damage the USB adapter, the em product, and the user system.

	supply	Current: 250 mA
5	Ambient gases	There must be no corrosive gasses present.



				
	PC interface cable		1	Cable length
	USB cable		1	Cable length
Documen- tation	Description Notes on Using USB Adapter for E6000/E6000H/ E8000 Emulator (HS6000EIU02H) (This manual)		1	HS6000EIU0

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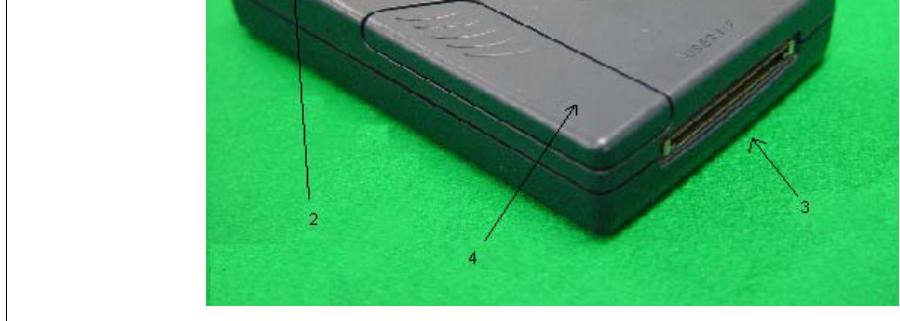


Figure 2.1 USB Adapter


Numbers in figure 2.1 indicate the following:

- (1) USB port: Connects the USB cable.
- (2) LED displaying the communication state: This LED is lit if a communication error occurs.
- (3) PC interface cable connector: Connects the emulator.
- (4) Sliding cover: Do not open the sliding cover.



Failure to do so will result in a FIRE HAZARD and will damage user system, USB adapter, and emulator product or will result in PERSONAL INJURY.

Use the AC power-supply adapter provided in the package.

- (1) Connect the USB cable to the connector marked  as shown in figure 3.1.

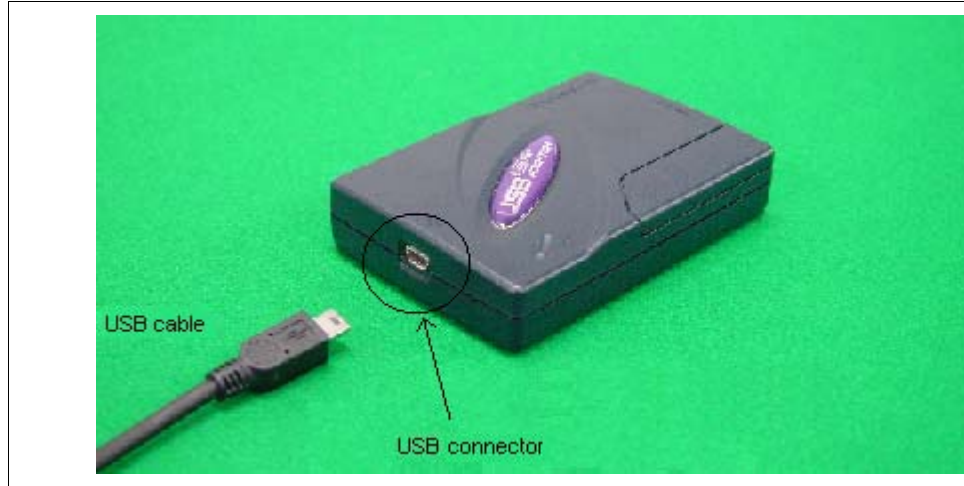


Figure 3.1 Connecting USB Cable to USB Adapter

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To use the E6000 emulator, connect the USB adapter to the E6000 emulator station via the supplied PC interface cable, as shown in figure 3.2. Check the type and direction of the PC interface cable connector and correctly connect it to the E6000 emulator.

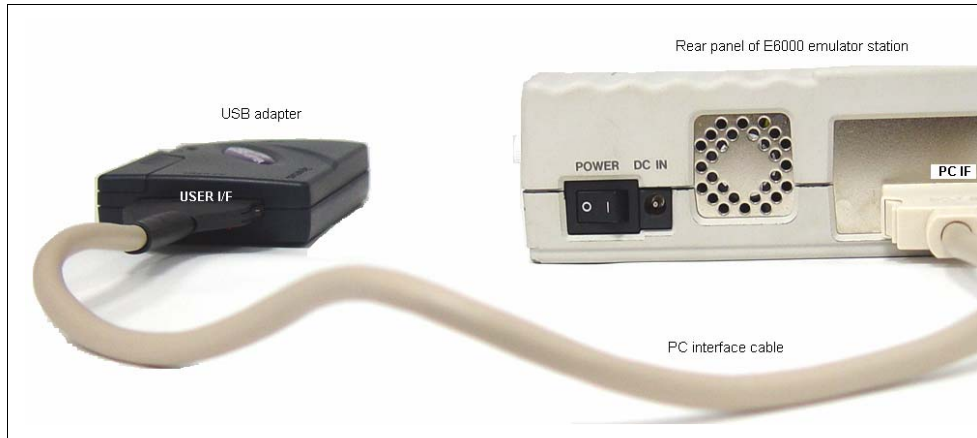


Figure 3.2 Connecting USB Adapter to E6000 Emulator

To use the E6000H emulator, connect the USB adapter to the E6000H emulator station supplied PC interface cable, as shown in figure 3.3. Check the type and direction of the interface cable connector and correctly connect it to the E6000H emulator.



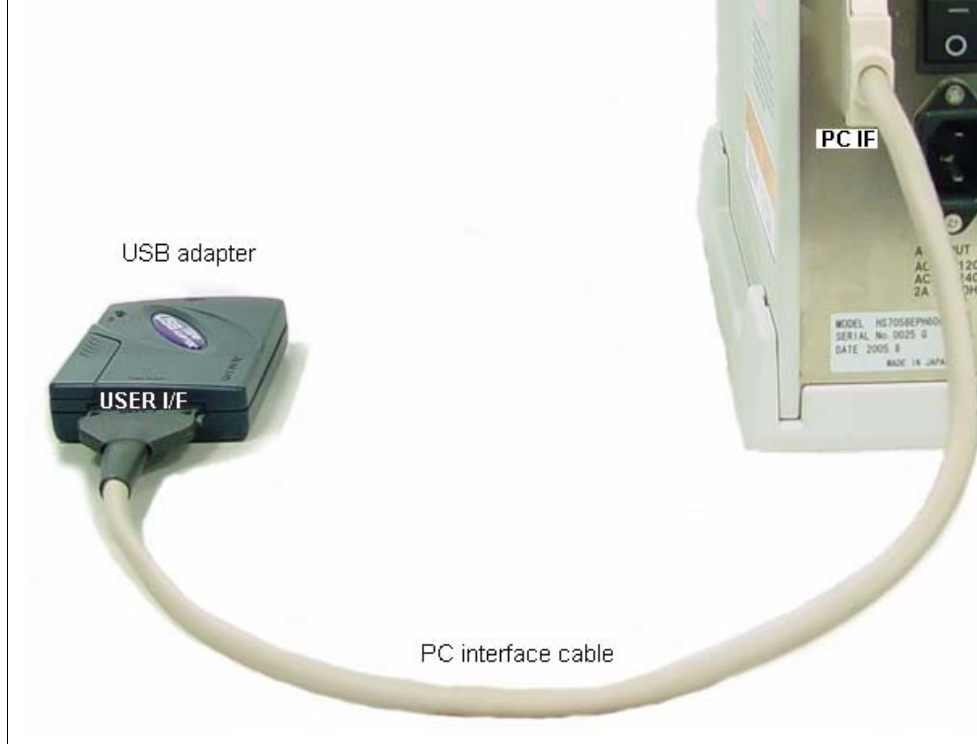


Figure 3.3 Connecting USB Adapter to E6000H Emulator

To use the E8000 emulator, connect the USB adapter to the E8000 emulator station via supplied PC interface cable, as shown in figure 3.4. Check the type and direction of the interface cable connector and correctly connect it to the E8000 emulator.



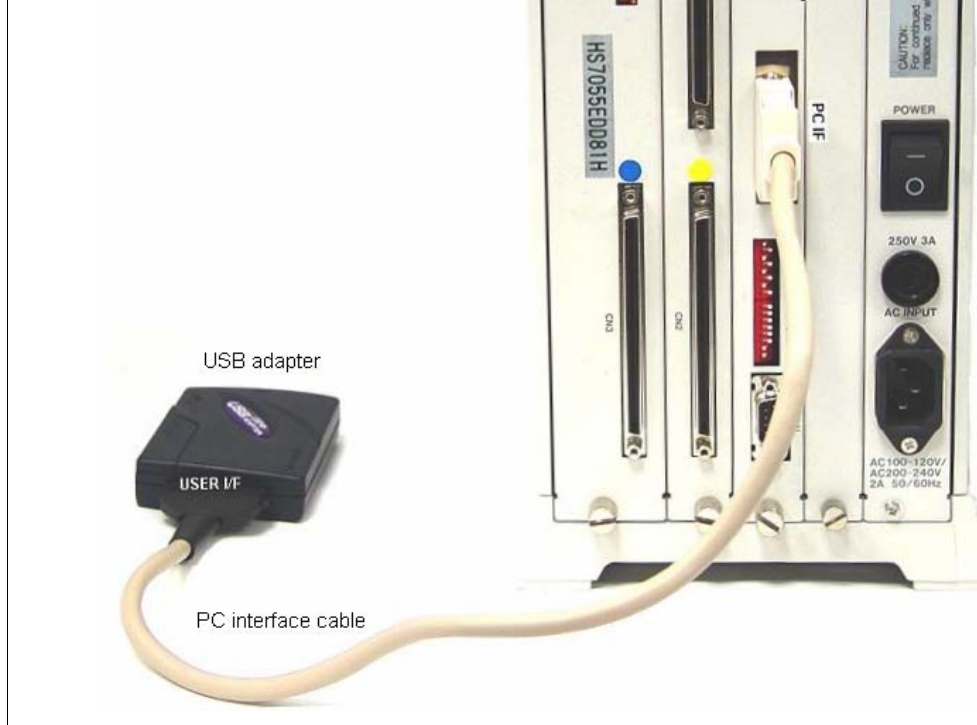


Figure 3.4 Connecting USB Adapter to E8000 Emulator

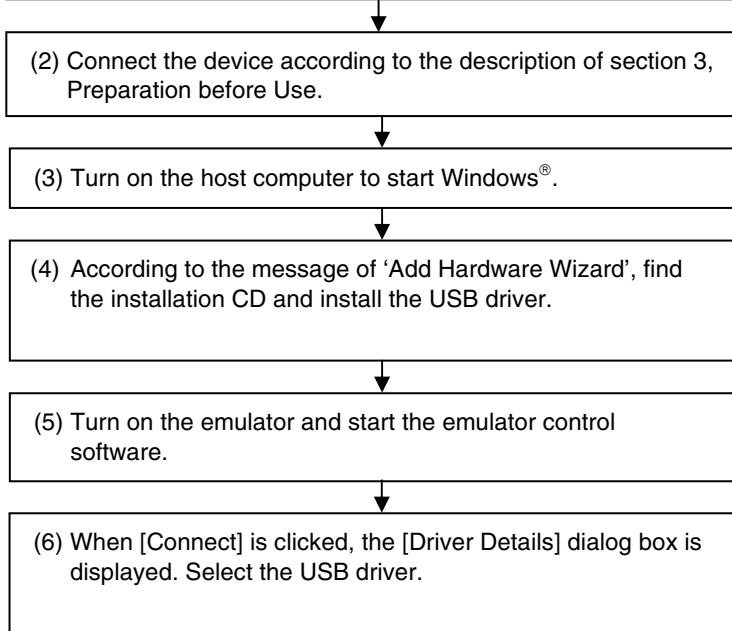


Figure 4.1 Setup Procedures



environments in table 1.1 will not be satisfied. Check the operating system in

Check that the USB adapter and emulator are correctly connected.

Check if another HDI or High-performance Embedded Workshop tries to communicate with the USB adapter. Multiple HDIs or High-performance Embedded Workshop cannot communicate with the USB adapter at the same time.

3. The LED is lit for displaying the communication state.

The USB adapter has an LED for displaying the communication state as shown in figure 1. This LED will be lit if an error occurs in the USB interface communication.

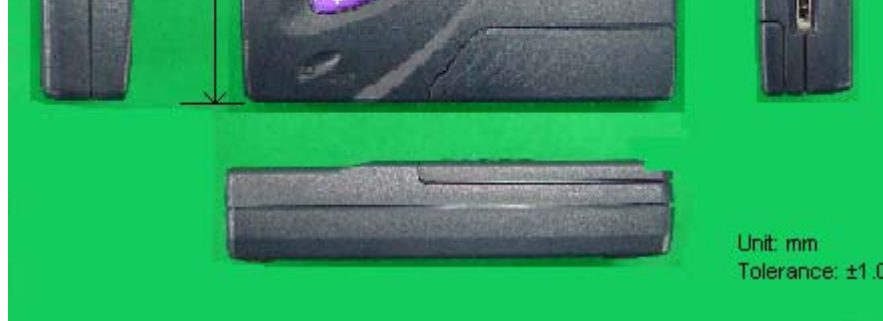
If this LED is lit after above items 1 and 2 have been checked and have no problems with the emulator and the user system off, remove the USB cable from the USB adapter, and connect it again.

If the problem is not solved even if those measures have been taken, there will be a failure of the USB adapter. In such a case, contact Renesas' sales agency.





Figure 5.1 LED for Displaying the Communication State



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Description Notes on Using USB Adapter for E6000/E6000H/E8000 Emulator (HS6000EIU02H)

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Colophon 6.0

Description Notes on Using USB Adapter for E6000/E6000H/E8000 Emulator (HS6000EIU02H)



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