

E10A-USB

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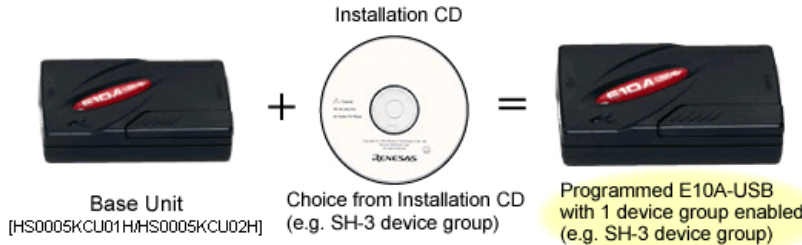
- Products
- Software and Tools
- Emulation and Debugging
- On-chip Debuggers
- E10A-USB**
- HS0005KCU11H
- HS0005KCU01H
- HS0005KCU02H
- HS0005KCU14H
- E1 (R0ED00010KCE00)
- E20 (R0ED000200KCT00)
- MINICUBE2
- MINICUBE
- External Flash Definition Editor
- EBa
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- E30A
- M82100T-EZ-E
- M82100T5-SD-E

Overview Documentation Application Notes & Sample Code Downloads Design Support Further Information

Target Devices System Configuration Features Components **Device Group Additions** Specification Installation and Setup Flash Memory Download Program On-chip Debuggers Performance Properties by Target Device Useful Function Debug MCU Board (SuperH Family) Debug MCU Board (H8S Family) User interface cable Software Component List / Target system name list

>> Initial Purchase License

The E10A-USB is supplied with the entitlement to install any ONE of the available Device Groups on a one-time-only (OTP) basis using the Installation CD (e.g. SH-3 Device Group). Users should ensure they pick the correct device group to install. Please refer to the list of supported devices.



Note:

Once the installation has taken place the E10A USB will support devices in that group only, unless a Device Group Additions is purchased. To add further device groups, the user can purchase Device Group Additions software (License Tool for Device Group Additions) for the required Group.

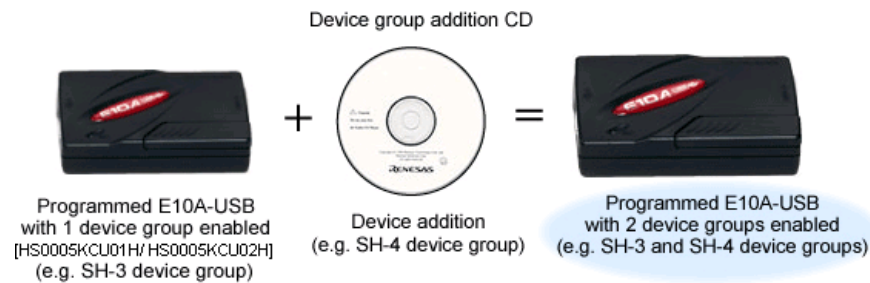
If a new device which is included in the device group you installed to your E10A-USB is released, downloading the latest emulator software will add the new device to your E10A-USB.

Periodically new devices will be added to device groups, if an E10A-USB is programmed to support SH-3 for instance and a new SH-3 device is added to the list of devices supported by E10A-USB, Renesas will make available a patch to update the E10A-USB free of charge.

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>> Subsequent Purchase License

If the user subsequently wishes to upgrade their E10A-USB to support an additional device group, Device Group Additions (License Tool for Device Group Additions) are available as additional purchases (subject to release schedule). The Device Addition is supplied as a CD-ROM with the desired Group software. This is used in conjunction with the original E10A-USB unit.



Note:

- You do not need to purchase a Device Group Addition (License Tool for Device Group Additions) to support the first device group, the E10A-USB is shipped with an installer that allows the user to support any one of them. Our range of Device Group Additions is for adding subsequent device groups to an existing system.
- Device Group Additions are prepared for each device group. It can be purchased from your Renesas supplier or distributor by ordering the appropriate part number from the table below and are delivered in on CD-ROM.
- One license is available for one E10A-USB.
- If a user has purchased a Device Group Addition or selected a Device Group at initial installation then there is no need to purchase a new Device Group Addition to add new devices within the same Device group even if they are released at a later date. As for supported devices in each group, visit ["Target Devices"](#).
- Update patches can be downloaded from the Download site or requested from your Tools Product Support team.

Part numbers of the license tools

(NOT available for the E10A-USB emulator of HS0005KCU14H.)

Device group	Part number	Description	Detailed supported devices
H8S	HS2339KCU01SR	H8S device group addition	here
H8SX	HS1527KCU01SR	H8SX device group addition	
SH-2	HS7047KCU01SR	SH-2 device group addition	
SH-2A	HS7206KCU01SR	SH-2A device group addition	
SH-3	HS7729KCU01SR	SH-3 device group addition	
SH-Mobile	HS7290KCU01SR	SH-Mobile device group addition	
New_SH-Mobile	HS7318KCU01SR	New_SH-Mobile device group addition	
SH-4	HS7751KCU01SR	SH-4 device group addition	
SH-4A	HS7780KCU01SR	SH-4A device group addition	

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How to add devices

When you add subsequent device groups to E10A-USB; install "License Tool for Device Group Additions" in your PC, and use it in accordance with the procedure below.

*** Do not use "License Tool for Device Group Additions" in case no device group has been set up in E10A-USB.**

[Procedure]

1. Open the sliding switch cover and check that the switch (SW1) for setting the emulator is turned to "1".

Version Information

The Emulator Software for the E10A-USB Emulator (HS0005KCU01H/HS0005KCU02H)
Latest Ver.: V.3.06 Release 00
Released: June 16, 2013
[Details of upgrade \(Tool News\)](#)

The Emulator Software for the E10A-USB Emulator (HS0005KCU14H)
Latest Ver.: V.2.02 Release 00
Released: Apr 16, 2012
[Details of upgrade \(Tool News\)](#)

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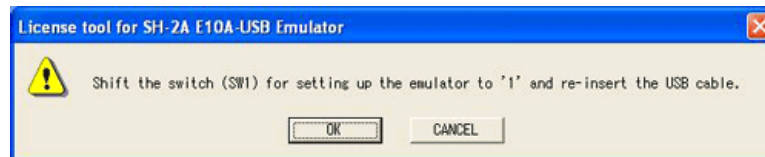
2. Select [Renesas] -> [License Tool for E10A-USB] -> [SH-xxxx (HBS/xxxx) Device Group] from [Programs] in the [Start] menu. "License Tool for Device Group Additions" is activated.



- (a) The name of the device group currently set.
(b) The version number of software for controlling the device group in the emulator. This item is displayed only when the device group is available.
(c) The software version number of the device group being added by "Licence Tool for Device Group Additions".

[Notes]

1. In case "-----" is shown in (a), no device group is set in E10A-USB. Do not use "License Tool for Device Group Additions".
2. Use "License Tool for Device Group Additions" only when "-----" is shown in (b).
3. If the following error message is displayed, the host computer is not connected to the emulator or the setup switch (SW1) is turned to "0". In case the setup switch (SW1) is turned to "0", set it to "1" and connect the USB cable again.



3. Click the [Setup] button. When the following dialog box is displayed, addition of a device group is completed.



[Notes]

1. When [Add New Hardware Wizard] is displayed, select the [Search for the best driver for your device. (Recommended)] radio button and then the [Specify a location] check box to select the path to be searched for drivers. The location must be specified as < Drive > : \ DRIVERS. (< Drive > is the CD drive letter.)
2. When using with Windows®XP, a dialog box will be displayed to show the disconnection of the USB. However, this is not a problem.
3. **Do NOT turn off the host computer or disconnect the USB cable while setting up the emulator. Or, the emulator may be damaged.**

After completing addition of a device group, set up E10A-USB.
For further information to set up E10A-USB, see [here](#) .

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