

## Revisions to Utilities for the IE850 Full-Spec. Emulator

We will be revising two utilities for the IE850 full-spec. emulator.

Refer to the URL below for an overview of the IE850.

<https://www.renesas.com/ie850>

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### 1. Product Concerned

IE850 full-spec. emulator

### 2. Descriptions of Revision

a) We have updated the control program for using the IE850 main unit with RH850 devices, and changed the name from "Utility Software to Change the IECUBE2 main from being for the V850E2 to being for the RH850" to that shown below.

New name: Utility for updating the IE850 main for the RH850

The revision makes for speedier downloading when debugging RH850 devices.

b) We have merged the functions of "Utility Software to Change the IECUBE2 main from being for the RH850 to being for the V850E2" and "Upgrade tool for QB-V850E2", and changed the name as shown below.

New name: Utility for updating the IE850 main for the V850E2

Note that there are no changes to the control program or to the FPGA data for the V850E2M. Only the release note of the updating utility has been changed.

Refer to the following page for details on the updating utilities.

<https://www.renesas.com/ie850>

### 3. Version Number

Check the versions of the control program and FPGA data you have in either of the following ways.

You do not have to use the updating utility if the version you are using is as stated below.

a) Checking by launching CS+

Launch the CS+ IDE and connect the IE850, then check the number in the version information of the "help" system. Examples are given below.

In the case of the RH850:

The corresponding version numbers are enclosed in "".

```
-----  
:  
:  
Full-spec emulator RH850 F/W "V.01.13" <- Control program version  
Control Board 0002 02.00 FPGA Version "V03.08" <- FPGA data version  
DB Board xxxx FPGA Version Vxxxx  
:  
:  
-----
```

In the case of the V850E2:

The corresponding version numbers are enclosed in "".

```
-----  
:  
:  
IECUBE V850 0000 0 F/W: "E1.00o" <- Control program version  
Control Board 0002 02.00 "02.10" <- FPGA data version  
I/O Board xxxx  
:  
:  
-----
```

b) Checking by using the utility

Launch the utility after activating power to the IE850, and check if the version numbers are the same as those in the examples given below.

In the case of the RH850:

The corresponding version numbers are enclosed in "".

```
-----  
CT Board Firmware Version = "V1.13" <- Control program version  
CT Board Firmware Family = RH850G3  
CT Board Version (0002) = V2.00 (FPGA Version = "V03.08") <- *  
or  
CT Board Version (0002) = V3.00 (FPGA Version = "V03.08") <- *
```

CT Board FPGA Family = RH850G3

---

\*: FPGA data version

In the case of the V850E2:

The corresponding version numbers are enclosed in "".

---

CT Board Firmware Version = "E1.00o" <- Control program version

CT Board Firmware Family = V850E2

CT Board Version (0002) = V2.00 (FPGA Version = "V02.10") <- \*  
or

CT Board Version (0002) = V3.00 (FPGA Version = "V02.10") <- \*

CT Board FPGA Family = V850E2

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\*: FPGA data version

#### 4. Updating Your Product

Online updating is available free of charge.

(1) Download the updating utility from the web site at:

[https://www.renesas.com/ie850\\_download](https://www.renesas.com/ie850_download)

- Updating the program for the RH850

Download the following from the web site:

Software name: Utility for updating the IE850 main for the RH850,  
Rev1.00

To be released: April 20, 2015

- Updating the program for the V850E2

Download the following from the web site:

Software name: Utility for updating the IE850 main for the V850E2,  
Rev1.00

To be released: April 20, 2015

(2) Once you have downloaded and decompressed the ZIP file, update your IE850 according to the information in the release note.

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