This document describes the following items. Refer to the user’s manual for cautions on using an in-circuit emulator.

- Restrictions not applicable to the target device but applicable to an in-circuit emulator
- Restrictions applicable to both the target device and an in-circuit emulator but the correction is planned only for the in-circuit emulator

Also refer to the following documents for the restrictions in the target device.

- User’s manual of target device
- Restrictions notification document for target device

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Chapter 1. Product version

1.1 Control Code

The product versions of Renesas Electronics in-circuit emulators IECUBE are indicated by a control code. The control code is the second digit from the left in the 10-digit serial number.

Figure 1. Checking Control Code (Label on the QB-RL78F14)

In this case, the control code is A.
## Chapter 2. Changed Specifications

### 2.1 List of changed specifications

<table>
<thead>
<tr>
<th>No.</th>
<th>Changed or Added Specifications</th>
<th>Control code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Serial numbers of the forms from RA<strong><em>0001</em> to RA</strong><em>0082</em> (*1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>There is not character “A-100pin” (*2)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Serial numbers of the forms more than &quot;RA***0083&quot; (*1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>There is a character “A-100pin” (*2)</td>
</tr>
<tr>
<td>1</td>
<td>Support of the 100-pin packages of RL78/F14 Group of MCUs</td>
<td>×</td>
</tr>
</tbody>
</table>

×: Change not implemented, ○: Change implemented

About added specifications of "Support of the 100-pin packages of RL78/F14 Group of MCUs", please check whether it's a product concerned of an upgrade by a procedure of *1 *2.

**1 Checking method of the product concerned and the serial number:**

Product Concerned is the product with 10-digit serial numbers of the forms RA***0001* to RA***0082* for the QB-RL78F14.

The product after RA***0083* is not the product concerned because it is already upgraded.

You can check the serial numbers with the sticker on the bottom of the QB-RL78F14.

*2 Checking method of the characters "A-100pin":*

After upgrading, the characters "A-100pin" have been added to the sticker on the bottom of the QB-RL78F14. When there are these characters, it is not a product concerned. Further, as the above procedure *1, the product after RA***0083* does not have the characters "A-100pin", but it is already upgraded.

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*Figure 2. Checking serial number (Label on the QB-RL78F14)*

*Figure 3. Checking the characters "A-100pin" (Label on the QB-RL78F14)*
2.2 Details of specifications

No.1 Support of the 100-pin packages of RL78/F14 Group of MCUs
【contents】 The 100-pin packages of RL78/F14 Group of MCUs have been supported.

Chapter 3. Revision History

<table>
<thead>
<tr>
<th>Rev.</th>
<th>Date</th>
<th>Description</th>
<th>Page</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.00</td>
<td>October 30, 2013</td>
<td>-</td>
<td>-</td>
<td>Newly created.</td>
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</table>
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