

RENESAS TOOL NEWS on February 1, 2012: 120201/tn2

## In-Circuit Emulator QB-RL78G14 (IECUBE for RL78/G14 Group) Upgraded

We have upgraded in-circuit emulator QB-RL78G14 (the IECUBE for the RL78/G14 group of MCUs).

The product's control code advances from A to B.

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### 1. Product Concerned

QB-RL78G14 with control code A

To check to see your product's control code, follow these steps:

- (1) Start the IECUBE diagnostic tool to display the IEQBUTL dialog box.
- (2) Click START in the SELF-TEST tab of the dialog box.
- (3) In IECUBE Information of the SELF-TEST tab, look for the letter before "F/W" in such a representation as is shown below.

Example: IECUBE RL78.78K0R: \*\*\*\* A F/W: \*\*. \*\*

In this example, the control code is A.

### 2. Descriptions of Upgrade

#### 2.1 Restrictions Raised

The following restrictions have been raised:

- On supplying negative reference voltage to the A/D converter (No. 1)
- On reading the RJ timer's count value from the Timer RJ Counter register 0 (TRJ0) (No. 2)

For details of these, see RENESAS TOOL NEWS Document No. 120116/tn2, which is on the Web page at:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=120116tn2>

## 2.2 Functions Supported

The following functions have been supported:

- (1) Emulating the 3-wired serial I/O (CSI\*\*) whose baud rate is 16 Mbps or 12 Mbps.
- (2) Emulating the MCUs of the RL78/G14 group whose ROM sizes are 96 KB or greater.

## 3. Upgrading

Now you can ask us to update yours free of charge. If you want, apply for it and send your QB-RL78G14 to your local Renesas Electronics marketing office or distributor.

Effective dates of application:

From January 24, 2012, to January 24, 2013, inclusive

NOTICE: An additional charge will be made after the effective dates expire.

After upgrading, the product's control code advances to B.

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