

RENESAS TOOL NEWS on July 16, 2011: 110716/tn4

## Notes on Using In-Circuit Emulator QB-78K0FX2L (IECUBE for 78K0/Fx2-L)

When you use the QB-78K0FX2L in-circuit emulator (IECUBE for 78K0/Fx2-L), take note of the following problems:

- With using the regulator mode control register (RMC) (No. 1)
- With sending the emulator into self-programming mode (No. 2)

Here, No. X at the end of each item is a consecutive number for indexing the problems in QB-78K0FX2L.

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### 1. Product Concerned

The QB-78K0FX2L with control code A

The control code is the letter next to the top of a 10-character serial code, which is inscribed on the label at the rear side of the IECUBE.

### 2. Description

#### 2.1 Problem with the Regulator Mode Control Register (RMC) (No. 1)

Regulator mode control register (RMC) can not be written.

#### 2.2 Problem with Sending the Emulator into Self-Programming Mode (No. 2)

The writing to Self Programming Mode (FPCTL) is ignored, so the return value of mode check function (CheckFLMD) is always abnormal (01H).

### 3. Workaround

As to these problems, we remodel your QB-78K0FX2L free of charge.

So apply for the remodeling to your local Renesas Electronics marketing office or distributor.

The effective dates of application are as follows:

From July 25, 2011, to July 24, 2012 inclusive

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

After remodeling, the control code advances to B.

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