

# Microcontroller Technical Information

QB-Programmer Programming GUI for QB-MINI2  Upgrade		Document No.	ZMT-F35-10-0010	1/1
		Date issued	February 28, 2011	
		Issued by	MCU Tool Product Marketing Department MCU Software Division MCU Business Unit Renesas Electronics Corporation	
Related documents	QB-Programmer Operation User's Manual: U18527EJ1V0UM00 QB-Programmer V3.11 Operating Precautions: ZUD-F35-10-0148	Document classification		Usage restriction
			√	Upgrade
				Document modification
				Other notification

## 1. Target product and version

Product	Outline	Old Version	New Version
QB-Programmer	Programming GUI for QB-MINI2	V3.10 or earlier	V3.11

Version confirmation:

- The version is displayed in the **Programmer** area in the programmer parameter window in the main window.

## 2. Upgrade details

- Support of writing to 78K0 microcontrollers by using an external UART clock (No. 16)
- Support of Windows 7 (64-bit version) (No. 17)

For details, see *QB-Programmer V3.11 Operating Precautions* (ZUD-F35-10-0148).

After upgrading, the version will be 3.11. See the document for details.

## 3. How to upgrade

Download the latest QB-programmer from the Renesas Electronics website. Install the tool according to the procedure described in the document posted on the same download page.

URL: English version: <http://www2.renesas.com/micro/en/ods/> → Click **Version-up Service**.

Japanese version: <http://www2.renesas.com/micro/ja/ods/>

## 4. Upgrade start date

The upgraded product can be downloaded from the website starting from March 11, 2011.

This schedule may be shifted somewhat.