

Microcontroller Technical Information

QB-V850ESFX3 In-Circuit Emulator for V850ES/FE3, V850ES/FF3, V850ES/FG3, V850ES/FJ3, V850ES/FK3, V850ES/FE3-L, V850ES/FF3-L, V850ES/FG3-L, V850ES/HE3, V850ES/HF3, V850ES/HG3, V850ES/HJ3 Upgrade	Document No.	ZBG-CD-07-0053	1/2
	Date issued	August 27, 2007	
	Issued by	Development Tool Solution Group Multipurpose Microcomputer Systems Division Microcomputer Operations Unit NEC Electronics Corporation	
Related documents QB-V850ESFX3 User's Manual: ZUD-CD-07-0122 QB-V850ESFX3, (Control Code: A, B, C, D) Operating Precautions: ZUD-CD-07-0126	Notification classification		Usage restriction
		√	Upgrade
			Document modification
			Other notification

1. Target product and version

Product	Outline	Control Code	Upgrade Method
QB-V850ESFX3	In-circuit emulator for V850ES/FE3, V850ES/FF3, V850ES/FG3, V850ES/FJ3, V850ES/FK3, V850ES/FE3-L, V850ES/FF3-L, V850ES/FG3-L, V850ES/HE3, V850ES/HF3, V850ES/HG3, V850ES/HJ3	A, B, C	Upgrade by sending the product to NEC Electronics

It is not necessary to upgrade control code D.

2. Upgrade details

Item No. 15, described in *QB-V850ESFX3 (Control Code: A, B, C, D) Operating Precautions* (ZUD-CD-07-0126), will be added.

No. 15 Addition of parts boards

[Description]

Parts boards have been added. Use the relevant parts board according to the device to be emulated. This addition will be implemented in control code D and later. Parts boards with a 4 MHz/6 MHz resonator have been added.

Devices with Which Emulation Can be Performed	Maximum Operating Frequency	Recommended Parts Board
V850ES/FE3, V850ES/FF3, V850ES/FG3, V850ES/FJ3, V850ES/FK3	48 MHz	6 MHz (x8)
V850ES/HE3, V850ES/HF3, V850ES/HG3, V850ES/HJ3	32 MHz	4 MHz (x8)
V850ES/FE3-L, V850ES/FF3-L, V850ES/FG3-L	20 MHz	5 MHz (x4)

For the purpose of management, upgrade is accepted by means of sending the product to NEC Electronics.

3. Upgrade start date

Upgrading by sending the product will be available from August 31, 2007.

Upgrade by sending the product to NEC Electronics is available. Consult an NEC Electronics sales representative or distributor.

The upgrade described herein will be provided for free for a period of one year from the above date.

After the free upgrade period expires, an upgrade will be available for a fee. We therefore recommend that you take advantage of the free upgrade offer during the free upgrade period.

Note The “control code” is the second digit from the left in the 10-digit serial number.
If the product has been upgraded, the control code can be checked in the About dialog box in the ID850QB.
“X” in version information “IECUBE V850 **** X F/W: V*.**” is the control code.