

Microcomputer Technical Information

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ID850QB (Japanese/English Version Windows) Integrated Debugger for V850 Series Upgrade	Document No.	ZBG-CD-04-0042	1/2
	Date issued	July 22, 2004	
	Issued by	Development Tool Group Multipurpose Microcomputer Systems Division 3rd Systems Operations Unit NEC Electronics Corporation	
Related documents ID850QB Ver.2.80 Operation U16973EJ1V0 ID850QB Ver.2.81 Operating Precautions: ZUD-CD-04-0016 V850 Series IECUBE Utility IEQBUTL (V1.21) User's Manual: ZUD-CD-04-0007 V850 Series N-Wire Checker (V1.20) User's Manual: ZUD-CD-04-0008	Document classification		Usage restriction
		√	Upgrade
			Document modification
			Other notification

1. Product types and version

Product	Outline	Old Version	New Version
Integrated debugger μ Sxx17ID703000-GC included with IE-V850E1-CD-NW	Debugger for N-Wire CARD (ID850NWC)	V2.52	V2.81
Integrated debugger ID703000-GC included with IECUBE	Debugger for IECUBE (ID850QB)	V2.80	V2.81

Note xx indicates AB or BB.

Supplement: The product name has been changed from "ID703000-GC" to "ID703000-QB" in ID850QB V2.81 or later. In addition, the commercial name has been changed from ID850NWC (for N-Wire CARD) to ID850QB.

2. Details of upgrade

The major revisions in ID850QB Ver. 2.81 are shown below. For details, refer to "V850 Series Integrated Debugger ID850QB V2.81 Operating Precautions (ZUD-DT-04-0016)" supplied with the product.

- (1) Kanji codes and single-byte spaces can now be used for the folder name.
- (2) '+' and '-' can now be used for the source file name.
- (3) An event condition can now be set to arrays and structures.
- (4) The function keys are now valid in the Console window and the expansion windows.
- (5) The option byte is now supported.
- (6) Data can now be downloaded to the external memory.
- (7) Reading from a read-prohibited peripheral I/O register is now no longer performed.
- (8) The Tcl script can now be specified when the ID850QB is started up^{Note}.
- (9) A sample of the expansion windows has been added (RunBreakTime, SymInspect)^{Note}.
- (10) The **-complement** option has been added to the xtrace command for the command line^{Note}.
- (11) The **dbgopt** and **inspect** commands have been added^{Note}.

- (12) AfterDownload has been added to the hook procedure^{Note}.
- (13) The **-encoding** option has been added to the watch command for the command line.
- (14) Kanji code is now supported in the Watch window (Japanese version only).
- (15) The devices incorporating the reset vector handling function are now supported.
- (16) The V850ES/KJ1 and V850ES/KJ1+ are now supported.
- (17) The N-Wire cable length can now be selected from 50 cm or 2 m in the Configuration dialog box^{Note}.
- (18) The **erase** and **flop** commands have been added to the Console window^{Note}.
- (19) The version of the N-Wire CARD is now displayed in the About dialog box^{Note}.
- (20) The N-Wire Checker has been upgraded to V1.20.
- (21) The DCK frequency is now indicated in the N-Wire cable length selection field in the Configuration dialog box.
- (22) An IECUBE self-testing tool has been added.
- (23) The AZ850, XO850, and ZIPC are now linked.
- (24) WAIT and HLDREQ are now masked when the target is not connected.
- (25) When writing to the internal ROM by downloading, etc., the external memory is no longer overwritten.

3. How to upgrade

(1) ID703000-QB (for Japanese-version Windows)

- Free upgrade (without CD-ROM medium)

Download the software (update_module.exe) through ODS^{Note} (online delivery service). When using this method, the supply medium will not be delivered but the upgrade is free of charge.

Note Access the following URL.

<http://www.necel.com/micro/ods/jpn/>

(2) ID703000-QB (English-version Windows)

- Free upgrade (without CD-ROM medium)

Download the software (update_module.exe) through ODS^{Note} (online delivery service). When using this method, the supply medium will not be delivered but the upgrade is free of charge.

Note Access the following URL.

<http://www.necel.com/micro/ods/eng/>

4. Upgrade start date

- Free upgrade (Windows version, without CD-ROM medium)

The upgraded product can be downloaded through ODS from July 15, 2004.