# NEC Microcomputer Technical Information

<table>
<tr><td rowspan="4">IE-703116-MC-EM1<br>Option Board for V850E/IA1<br><br>Upgrade</td><td colspan="2">Document No.</td><td>SBG-T-2440-E</td><td>1/1</td></tr>
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| | Document No. | SBG-T-2440-E | 1/1 |
|---|---|---|---|
| IE-703116-MC-EM1 Option Board for V850E/IA1 <br><br> Upgrade | Date issued | July 23, 2001 | |
| | Issued by | Microcomputer Engineering Dept. Solution Engineering Div. NEC Electron Devices NEC Corporation | |
| | Notification classification | | Usage restriction |
| | | √ | Upgrade |
| Related documents | User's manual Document No.: U14700EJ2V0UM00 | | Document modification |
| | | | Other notification |

## 1. Affected product

| Product | Outline | Control code [Note] |
|---|---|---|
| IE-703116-MC-EM1 | Option Board for V850E/IA1 | A |

It is not necessary to upgrade a control code B product.

## 2. Details of upgrade

The bugs described below will be corrected (addition of specifications). After upgrading, the control code will be B.

For details of bug descriptions, see "IE-703116-MC-EM1Option Board for V850E/IA1 Usage Restrictions" (SBG-T-2439-E).

(1)  Restriction on IDLE and STOP modes            Control code: A
(2)  Restriction on timer 0                        Control code: A
(3)  Restriction on CAN controller register        Control code: A
(4)  Restrictions on UART0                          Control code: A
(6)  Restriction on read value of PSMR register    Control code: A
(7)  Restriction on setting CGCS register          Control code: A
(8)  Restriction on conversion trigger of A/D converter  Control code: A
(10) Restriction on default value of BRGC0 register    Control code: A

## 3. Upgrade petition period

From August 31, 2001.

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, upgrade will be available for a fee. You are advised to 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 in the warranty supplied with the in-circuit emulator you purchased (if it has not been upgraded). If the in-circuit emulator has been upgraded, a label indicating the new version is attached to the in-circuit emulator and the x in V-UP LEVEL x on this label indicates the control code.