

# Microcomputer Technical Information

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EV-703210GC Usage Restriction		Document No.	SBG-DT-03-0011-E	1/1
		Date issued	January 20, 2003	
		Issued by	Microcomputer Group 2nd Solutions Division Solutions Operations Unit NEC Electronics Corporation	
Related documents	User's manual: SUD-TT-0120	Notification classification	<input checked="" type="checkbox"/>	Usage restriction
			<input type="checkbox"/>	Upgrade
			<input type="checkbox"/>	Document modification
			<input type="checkbox"/>	Other notification

## 1. Affected product

EV-703210GC

Control code<sup>Note</sup>: A

## 2. Details of restriction

This notification concerns the following restriction. For details, see the attachment.

- No.1 Illegal recognition of target voltage

## 3. Workaround

The following workaround is available for this restriction. For details, see the attachment.

- No.1 Short the TP pins on the IE-703217-G1-EM1.

## 4. Modification schedule

Modified products are scheduled for release as follows.

Newly shipped products: From the shipment of February 2003 (control code: B)

Upgrade for already shipped products: Available from mid-February, 2003

\* Note that this schedule is subject to change without notice. For the detailed release schedule of modified products, contact an NEC Electronics sales representative.

## 5. Restriction history

Notes on using the EV-703210GC, including the restriction history and detailed information, will be described on the following pages.

<p><b>Note</b> The "control code" is the second digit from the left in the 10-digit serial number in the warranty supplied with the product you purchased (if it has not been upgraded).</p>
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## Notes on Using EV-703210GC

### 1. Product Version

Control Code	Remark
A	Part number of conversion adapter (GEA): GEA-14-0.65

### 2. Product History

No.	Bugs and Changes/Additions to Specifications	Control Code <sup>Note</sup>
1	Illegal recognition of target voltage	×

×: Applicable, √: Not applicable or already corrected

**Note** The “control code” is the second digit from the left in the 10-digit serial number in the warranty supplied with the product you purchased (if it has not been upgraded).

### 3. Details of Bugs and Added Specifications

No.1 Illegal recognition of target voltage

[Description]

- (1) The following bugs occur when the target is connected and used in combination with the IE-703217-G1-EM1.

- The following pins operate at 5 V, not at the voltage of EVDD.

Pin Number	Pin Name
47, 48	PCS0/_CS0, PCS1/_CS1
49 to 52	PCM0/_WAIT to PCM3/_HLDRQ
53 to 56	PCT0/_WR0 to PCT6/ASTB
57 to 72	PDL0/AD0 to PDL15/AD15

- \_RESET, \_HOLDRQ, \_WAIT, and NMI input from the target are not acknowledged.

- (2) The following bugs occur when the target is connected and used in combination with the IE-V850ESK1-ET.

- When the external memory space is mapped in the debugger, the error message “W100f: Target is not turned on.” is displayed and mapping cannot be set.
- \_RESET, \_HOLDRQ, \_WAIT, and NMI input from the target are not acknowledged.

[Workaround]

- (1) When using the IE-703217-G1-EM1

Short the TP5 (TEVDD) and TP7 (TBVDD) pins on the IE-703217-G1-EM1 when the power supply to the emulator is off.

- (2) When using the IE-V850ESK1-ET

Short the TP26 (TEVDD) and TP28 (TBVDD) pins on the IE-V850ESK1-ET when the power supply to the emulator is off.