

CUSTOMER NOTIFICATION

SUD-T-5143-1-E
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**IE-789882-NS-EM1  
(Control Code: B)  
Operating Precautions**

Be sure to read this document before using the product.

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## 1. PRODUCT VERSION

Part number: IE-789882-NS-EM1

Control Code <sup>Note</sup>	Remark
A	
B	

**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.

If you have any questions concerning the product, consult Development Tool Support Center.

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## 2. PRODUCT HISTORY

No.	Bugs and Changes/Additions to Specification	Control Code <sup>Note</sup>	
		A	B
1	Interrupt bug when WDT is used in NMI mode	√	–
2	Contact bug between IE-78K0S-NS-A emulation board fixing stays (metal fittings) and test pin	√	–

√: Applicable, –: Not applicable

## 3. DETAILS OF BUGS AND ADDED SPECIFICATIONS

### 1. Interrupt bug when WDT is used in NMI mode

Description: When the WDT is used in NMI mode, maskable interrupts will be generated simultaneously with the NMI interrupt. (When using the WDT in the maskable interrupt mode, it operates normally and no NMI interrupt will be generated simultaneously.)

Workaround: This bug has been corrected with the IE-789882-NS-EM1 control code B

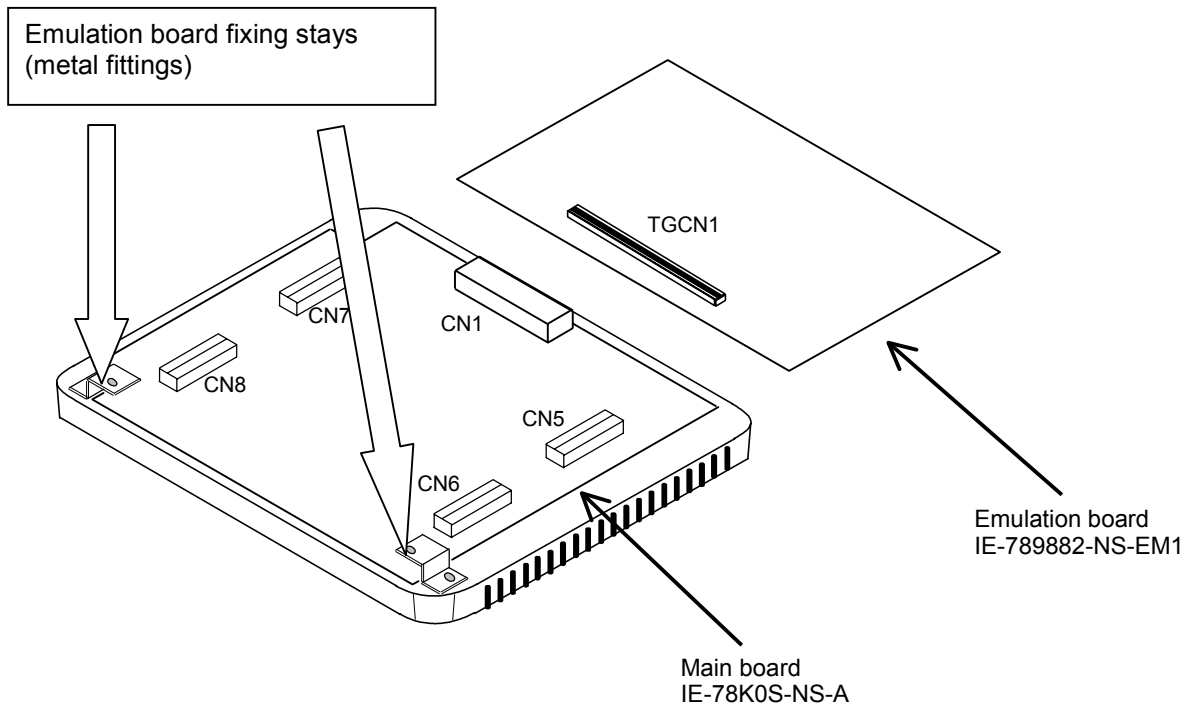
### 2. Contact bug between IE-78K0S-NS-A emulation board fixing stays (metal fittings) and test pin

Description: When connecting the IE-789882-NS-EM1 to the IE-78K0S-NS-A control code A or B, a test pin of the I/O board (CP5) contacts the IE-78K0S-NS-A emulation board fixing stays (metal fittings).

Workaround: This bug has been corrected with the IE-789882-NS-EM1 control code B.

Customers who have not yet upgraded to the IE-78K0S-NS-A control code C should retain the IE-78K0-NS-A emulation board fixing stays (metal fittings) removed as the control code A temporary workaround for modification when upgrading the IE-78K0-NS-A.

Figure 2-1. Position of Emulation Board Fixing Stays (Metal Fittings)



#### 4. OTHER CAUTIONS

None