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Renesas Electronics website: <http://www.renesas.com>

April 1st, 2010
Renesas Electronics Corporation

Issued by: Renesas Electronics Corporation (<http://www.renesas.com>)

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Customer Notification

IE-780948-NS-EM4

Probe board

Operating Precautions

Target devices

μPD780948 Subseries

μPD780948A Subseries

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IE-780948-NS-EM4

(A) Table of Operating Precautions

No.	Outline	Control Code <small>Note</small>	IE-780948-NS-EM4		
			A	B	
1	Problem on Debugger start-up (Technical Limitation)		7	3	

3: Not applicable

7: applicable

Note: The control code is the second letter from the left of the 10digit serial number (version that have not been upgraded). For upgraded versions, an upgrade label is affixed to the product. The version-up level on this sticker corresponds to the actual control code (i.e. the X in V-UP LEVEL X indicates the control code X).

Caution: Pls. refer to and consider the Operating Precautions mentioned in the Customer Notifications of the according devices, to which this Probe Board belongs.

(B) Description of Operating Precautions

No. 1	Problem on Debugger start-up (Technical Limitation)
	<p><u>Details</u> When starting the debugger ID78K0 / ID78K0-NS and port P4 of the emulation board IE-780948-NS-EM4 is connected to Vss a hang-up of the debugger occurs.</p> <p><u>Workaround</u> Do not connect port P4 to Vss.</p>

(C) Valid Specification

Item	Date published	Document No.	Document Title
1	November 1999	U14515E	Preliminary User's Manual IE-780948-NS-EM4, IE-78K0-NS-P04
2	March 2005	TPS-LE-OP-F0948A-2 or later	Customer Notification μ PD780948 and μ PD780948A Subseries

(D) Revision History

Item	Date published	Document No.	Comment
1	September 23, 2002	TPS-LE-OP-0T026	1 st Release This document is a replacement of the document TPS-LE-B-0T026
2	June 13, 2005	TPS-LE-OP-0T026-1	1 st Update Caution added on page 4