

CUSTOMER NOTIFICATION

SUD-T-5133-2-E
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CP (K), O

IE-70000-MC-NW-A
(Control Code: C)

Operating Precautions

Be sure to read this document before using the product.

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1. PRODUCT VERSION

Part number: IE-70000-MC-NW-A

Control Code	Board Version	Remark
A	1.00	
B	1.01	
C	1.12	

Note The control code is the second digit from the left of 10-digit production code (serial No.) that start from E.

2. PRODUCTION HISTORY

No.	Bugs and Changes/Additions to Specification	Control Code		
		A	B	C
1	Change of target power supply detector specifications	–	√	√
2	Change of countermeasure for N-Wire interface signal EMI	–	–	√
3	Change of target power supply circuit specifications <2>	–	–	√

√: Applicable, –: Not applicable

3. DETAILS OF BUGS AND ADDED SPECIFICATIONS

1. Change of target power supply detector specifications

Description: When connecting the target power supply to the target power supply detection pin (VDD) via a resistor of 100 Ω or more, the power supply cannot be detected and the debugger may not be started.

Workaround: As a temporary workaround, use a resistor of less than 100 Ω when making this connection via a resistor. Even after the implementation of a permanent countermeasure (control code B or later), use a resistor of 1 K Ω or less when making this connection via a resistor.

2. Change of countermeasure for N-Wire interface signal EMI

Description: Depending on the target board pattern wiring, the N-Wire emulator may not operate normally due to the occurrence of noise at the DCK signal on the target board.

Note that there is no problem if the noise (reflection) at the DCK signal is within the standard range.

$$V_{IH} = 2.4 \text{ V (MIN)} \quad V_{IL} = 0.6 \text{ V (MAX)}$$

Workaround: As a temporary workaround, connect a 30 to 40 pF capacitor between the DCK signal and GND on the target board.

This workaround will be implemented in products with control code C.

3. Change of target power supply circuit specifications <2>

Description: The ID850NW debugger may not detect an abnormality when the power supply for the target board is cut off ^(Caution).

**Caution: This state is dangerous during normal operation.
Therefore, do not debug in this state.**

Workaround: There is no temporary workaround.

This workaround will be implemented in products with control code C.

4. OTHER CAUTIONS

None