

CUSTOMER NOTIFICATION

SUD-T-5198-E
April 23, 2001
Yoichi Hirasawa, Expert Microcomputer Engineering Dept. Solution Engineering Div. NEC Electron Devices NEC Corporation

CP(K), O

IE-178048-NS-EM1 (Control Code: B, C, D)

Operating Precautions

Be sure to read this document before using the product.

1. Product Version	2
2. Product History	2
3. Details of Bugs and Additional Restrictions.....	2
4. Other Cautions	3

Notes on Using IE-178048-NS-EM1

1. Product Version

Control Code	Peripheral EVA Chip
B	μ PD178048CW (1.3)
C, D	μ PD178048CW (2.1)

There are no products with control code A.

2. Product History

No.	Bugs and Changes/Additions to Specification	Control Code ^{Note}		
		B	C	D
1	Probe for 80-pin GK packages not supported.	×	√	√
2	Cannot emulate POC voltage selection register (POCV)	×	√	√
3	Cannot emulate power supply voltage of 4.5 V or lower	×	×	√

×: Applicable, √: Not applicable

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.

3. Details of Bugs and Additional Restrictions

No.1 Probe for 80-pin GK (12 × 12 mm) packages not supported

[Description]

The emulation probe for 80-pin plastic TQFP packages (12 × 12 mm, 0.5 mm pitch) cannot be used.

[Workaround]

There is no provisional workaround.

The “178048 PROBE Board” is supplied with control code C and later products.

Use this board when using the emulation probe for 80-pin plastic TQFP packages (12 × 12 mm, 0.5 mm pitch).

No.2 Cannot emulate POC voltage selection register (POCV)

[Description]

The POC voltage selection register (POCV) cannot be emulated.

[Workaround]

There is no provisional workaround.

Emulation of the POC voltage selection register (POCV) is possible in control code C and later products.

No.3 Cannot emulate power supply voltage of 4.5 V or lower

[Description]

The power supply voltage cannot be emulated if it is 4.5 V or lower.

Emulation when the power-on-clear generation voltage is 3.5 V is also impossible.

[Workaround]

There is no provisional workaround.

Emulation when the power-on-clear generation voltage is 3.5 V is possible in control code D and later products.

4. Other Cautions

None.