

To our customers,

Old Company Name in Catalogs and Other Documents

On April 1st, 2010, NEC Electronics Corporation merged with Renesas Technology Corporation, and Renesas Electronics Corporation took over all the business of both companies. Therefore, although the old company name remains in this document, it is a valid Renesas Electronics document. We appreciate your understanding.

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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MSC TECHNICAL NEWS

No. 4500-01-9501

4500 Series Note on Interrupt and POF instruction

[Related microcomputer]

- 4520 Group
- 4540 Group
- 4550 Group
- M34560M6-XXXFP

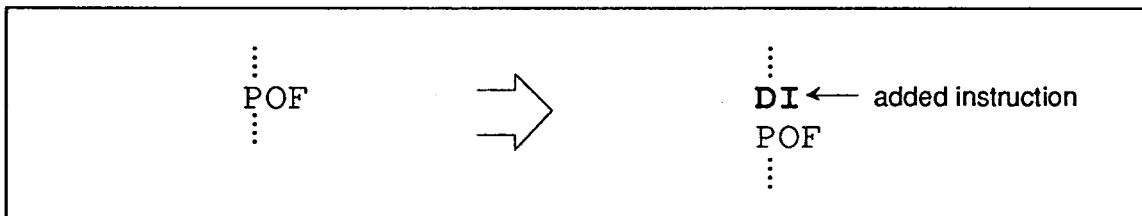
[Note]

Disable any interrupts (by executing the DI instruction) before the POF instruction is executed.

[Reason]

In case of occurring interrupts at the same time the POF instruction is executed, interrupt request flags* may happen to be cleared.

* These flags normally hold the previous state at restoring from clock operating mode or wait mode.



Programming example