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)

Send any inquiries to http://www.renesas.com/inquiry.

GRADE A

MAEC TECHNICAL NEWS

No. M380-29-0302

Usage Notes for 3850 Group Emulator MCUs

Mitsubishi offers the following two types of emulator MCUs for the 3850 Groups:

- M38507ARLSS (Spec. A)
- M38517RSS (Standard, Spec. H)

Please note the following differences concerning the use of these MCUs with our emulation pod (M38000TL2-FPD).

(1) Emulation Pod Setup (M38000TL2-FPD)

<For M38507ARLSS>

1. Set the MCU type switch (SW1) on the emulation pod to RLSS/RLFS.
2. Connect the Vcc (SENSE) cable from the emulation pod to the target board Vcc.

<For M38517RSS>

1. Set the MCU type switch (SW1) on the emulation pod to RSS/RFS.
2. Leave the Vcc (SENSE) cable from the emulation pod open.

(2) Comparison of M38507ARLSS and M38517RSS

For M38507ARLSS, the power supply pin on the top-side (emulator interface section) and the power supply pin, Vcc, on the bottom-side (target system section) are separate. This means the switch on the side of the pod must be set to RLSS/RLFS and power must be supplied from the emulator board to the top-side power supply pin.

The M38517RSS package is constructed so that power is supplied from the bottom-side pin, Vcc, to the top-side power supply pin. The pod switch must be set to RSS/RFS to avoid a short between the pod power supply and the target system power supply.

(3) Future Notices

We will be adding FAQs to the Tool support homepage (http://www.tool-spt.maec.co.jp/index_e.htm) for this notes as well.