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.

RENESAS

	Mask ROM number	

Receipt	Date :	
	Section head signature	Supervisor signature

740 FAMILY MASK ROM CONFIRMATION FORM

SINGLE-CHIP MICROCOMPUTER M38039MFL-XXXSP/HP/KP/WG

(Only for floppy disk orders)

C u s t o m e r	Company name		Issuance signature	
			Submitted by	Supervisor
	Phone			
	Date Issued	Date :		

1. Confirmation

We will produce masks based on the mask files generated by the mask file generating utility. We shall assume the responsibility for errors only if the mask ROM data on the products we produce differs from this mask file. Thus, extreme care must be taken to verify the mask file in the submitted floppy disk.

The submitted floppy disk must be 3.5inch 2HD type (IBM format). And store only one mask file in a floppy disk.

Microcomputer type No.: ☐ **M38039MFL-XXXSP**   ☐ **M38039MFL-XXXHP**

☐ **M38039MFL-XXXKP**   ☐ **M38039MFL-XXXWG**

File code [ ][ ][ ][ ][ ][ ][ ][ ] (hexadecimal notation)

Mask file name
(equal or less than eight characters) [ ][ ][ ][ ][ ][ ][ ][ ] .MSK

Note : Write data to only ROM data area (addresses 1080_{16} to $FFFD_{16}$).

2. Mark specification

Mark specification must be submitted using the correct form for the package being ordered. Fill out the appropriate mark specification form (64P4B for M38039MFL-XXXSP, 64P6Q for M38039MFL-XXXHP, 64P6U for M38039MFL-XXXKP, 64F0G for M38039MFL-XXXWG) and attach it to the mask ROM confirmation form.

Mask ROM number	

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(Only for floppy disk orders)

3. Usage conditions

Please answer the following questions about usage for use in our product inspection:

(1) How will you use the X_{IN}-X_{OUT} oscillator?

☐ Ceramic resonator   ☐ Quartz crystal

☐ External clock input   ☐ Other (   )

At what frequency? $f(X_{IN})$ = [   ] MHz

(2) Which function will you use the pins $P4_1/X_{CIN}$ and $P4_0/X_{COUT}$ as $P4_1$ and $P4_0$, or X_{CIN} and X_{COUT}?

☐ Ports $P4_0$ and $P4_1$ function   ☐ X_{CIN} and X_{COUT} function (external resonator)

(3) What is the power-supply voltage you will use?

V_{CC} = [   ] V

(4) Which mode will you use for main clock division ratio? (You can check multiple boxes)

☐ high-speed mode

☐ middle-speed mode (except for the default mode reset)

☐ low-speed mode

(5) Which function will you use?

☐ Timer1   ☐ Timer2   ☐ TimerX   ☐ TimerY   ☐ TimerZ

☐ A/D Converter   ☐ D-/A Converter   ☐ Serial I/O1   ☐ Serial I/O2   ☐ Serial I/O3

☐ WDT   ☐ Pull up   ☐ PWM   ☐ LED direct drive port (   )

4. Comments