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

REJ19B0245-0100

	Mask ROM number	

RENESAS TECHNOLOGY-CHIP 16-BIT MICROCOMPUTER M30290M8-XXXHP MASK ROM CONFIRMATION FORM

Receipt	Date:	
	Section head signature	Supervisor signature

Note : Please complete all items marked*

*	Customer	Company name	TEL ( )	Issuance signature	Submitted by	Supervisor
		Date issued	Date:			

*1. Check sheet

Renesas processes the mask files generated by the mask file generation utilities out of those held on the floppy disks you give in to us, and forms them into masks. Hence, we assume liability provided that there is any discrepancy between the contents of these mask files and the ROM data to be burned into products we produce. Check thoroughly the contents of the mask files you give in.

Prepare 3.5 inches 2HD (IBM format) floppy disks. And store only one mask file in a floppy disk.

Microcomputer type No.: ☐ M30290M8-XXXHP

File code: ☐☐☐☐☐☐☐ (hex)

Mask file name: ☐☐☐☐☐☐☐ .MSK (alpha-numeric 8-digit)

*2. Mark specification

The mark specification differs according to the type of package. After entering the mark specification on the separate mark specification sheet (for each package), attach that sheet to this masking check sheet for submission to Renesas.

For the M30290M8-XXXHP, submit the 80P6Q mark specification sheet.

*3. Usage Conditions

For our reference when of testing our products, please reply to the following questions about the usage of the products you ordered.

(1) Which kind of oscillation circuit is used?

☐ X_{IN}-X_{OUT} oscillator ☐ X_{CIN}-X_{COUT} oscillator
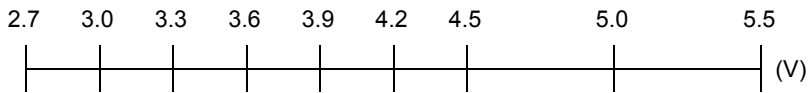
☐ On chip oscillator ☐ PLL frequency synthesizer

(2) Which kind of X_{IN}-X_{OUT} oscillation circuit is used?

☐ Ceramic resonator ☐ Quartz-crystal oscillator

☐ External clock input ☐ Other ( )

What frequency do you use?

$f(X_{IN})$ = [ ] MHz

Mask ROM number	

RENESAS TECHNOLOGY-CHIP 16-BIT
MICROCOMPUTER M30290M8-XXXHP
MASK ROM CONFIRMATION FORM

(3) Which kind of X_{CIN}-X_{COUT} oscillation circuit is used?

☐ Ceramic resonator ☐ Quartz-crystal oscillator
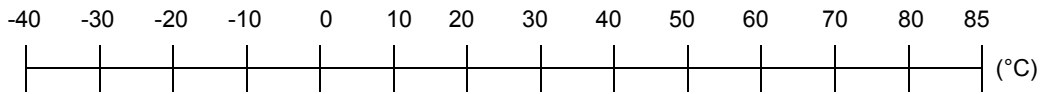
☐ External clock input ☐ Other ( )

What frequency do you use?

$f(X_{CIN})$ = [   ] kHz

(4) Which operating supply voltage do you use?
(Circle the operating voltage range of use)

```
2.7   3.0   3.3   3.6   3.9   4.2   4.5        5.0        5.5
 |─────|─────|─────|─────|─────|─────|─────────|──────────| (V)
```

(5) Which operating ambient temperature do you use?
(Circle the operating temperature range of use)

```
-40   -30   -20   -10    0    10    20    30    40    50    60    70    80    85
 |─────|─────|─────|─────|─────|─────|─────|─────|─────|─────|─────|─────|─────| (°C)
```

(6) Do you use I^2C (Inter IC) bus function?

☐ Not use ☐ Use

(7) Do you use IE (Inter Equipment) bus function?

☐ Not use ☐ Use

(8) Which Voltage Detection function do you use?

☐ Not use ☐ Use Vdet4

☐ Use Vdet3

Thank you cooperation.

*4. Special item (Indicate none if there is not specified item)