## Old Company Name in Catalogs and Other Documents

On April 1<sup>st</sup>, 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 1<sup>st</sup>, 2010 Renesas Electronics Corporation

Issued by: Renesas Electronics Corporation (http://www.renesas.com)

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

REJ	19B0734-0100		Mask	ROM numbe	ər
RENESAS TECHNOLOGY-CHIP 16-BIT MICROCOMPUTER M30620MAA-XXXFP/GP MASK ROM CONFIRMATION FORM				Date : Section head signature	Supervisor signature
_		Note : Pleas	se compl	ete all items	marked * .
Γ	Company	TEL	e e	Submitted by	Supervisor

*	Customer	Company name		TEL (	)	ance	ature	Submitted by	Supervisor	
		Date issued	Date :			Issu	signa		l	

## \*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. :	M30620MAA-XXXFP	M30620MAA-XXXGP		
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 M30620MAA-XXXFP, submit the 100P6S mark specification sheet. For the M30620MAA-XXXGP, submit the 100P6Q 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.

Ceramic resonator		Quartz-crystal oscil	lator			
External clock input		Other (	)			
What frequency do you use?						
f(XIN) =	MHz					



REJ19B0734-0100	Mask ROM number		
RENESAS TECHNOLOGY-CHIP 16-BIT MICROCOMPUTER M30620MAA-XXXFP/GP MASK ROM CONFIRMATION FORM			
<ul> <li>(2) Which kind of XCIN-XCOUT oscillation circuit is used?</li> <li>Ceramic resonator</li> <li>Quartz-crystal oscillator</li> <li>External clock input</li> <li>Other ()</li> <li>What frequency do you use?</li> <li>f(XCIN) = kHz</li> </ul>			
<ul> <li>(3) Which operation mode do you use?</li> <li>Single-chip mode</li> <li>Memory expansion mode</li> <li>Microprocessor mode</li> </ul>			
<ul> <li>(4) Which operating supply voltage do you use?</li> <li>(Circle the operating voltage range of use)</li> <li>2.4 2.7 3.0 3.3 3.5 3.8 4.0 4.2 4.5 4.7 5.0 5.3</li> </ul>	5.5 5.7		
(5) Which operating ambient temperature do you use? (Circle the operating temperature range of use) -50 -40 -30 -20 -10 0 10 20 30 40 50 60	70 80 90 ──┼───┤ (°C)		
<ul> <li>(6) Do you use I<sup>2</sup>C (Inter IC) bus function?</li> <li>Not use</li> <li>Use</li> <li>(7) Do you use IE (Inter Equipment) bus function?</li> </ul>			
□ Not use □ Use Thank you cooperation.			

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

