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

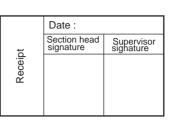
Issued by: Renesas Electronics Corporation (http://www.renesas.com)

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

REJ19B0761-0100

RENESAS TECHNOLOGY SINGLE-CHIP 16-BIT MICROCOMPUTER M30621M8-XXXGP MASK ROM CONFIRMATION FORM

Mask ROM	number	



Note : Please complete all items marked [&]

		Company	TEL			Submitted by	Supervisor
		name	()	() ()			
*	Customer	Date issued	Date :		lssua signat		

*1. Check sheet

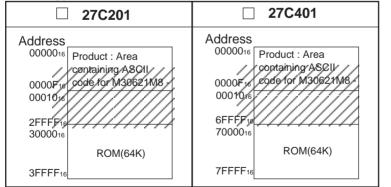
Name the product you order, and choose which to give in, EPROMs or floppy disks. If you order by means of EPROMs, three sets of EPROMs are required per pattern. If you order by means of floppy disks, one floppy disk is required per pattern.

□ In the case of EPROMs

Renesas will create the mask using the data on the EPROMs supplied, providing the data is the same on at least two of those sets. Renesas will, therefore, only accept liability if there is any discrepancy between the data on the EPROM sets and the ROM data written to the product. Please carefully check the data on the EPROMs being submitted to Renesas.

Microcomputer type No. :	□ M30621M8-XXXGP					
Checksum code for total	EPROM area :					(hex)

EPROM type :



(1) Write "FF16" to the lined area.

(2) The area from 0000016 to 0000F16 is for storing data on the product type name.
The ASCII code for 'M30621M8-' is shown at right.
The data in this table must be written to address 0000016 to 0000F16.

Both address and data are shown in hex.

Address			Address	
0000016	'M '	= 4D16	0000816	'' = 2D ₁₆
00001 16	'3'	= 3316	0000916	FF ₁₆
0000216	'0'	= 3016	0000A16	FF ₁₆
0000316	'6'	= 3616	0000B16	FF ₁₆
0000416	'2'	= 3216	0000C16	FF ₁₆
0000516	'1'	= 3116	0000D16	FF16
0000616	'M '	= 4D ₁₆	0000E16	FF ₁₆
0000716	'8'	= 3816	0000F16	FF ₁₆



Mask ROM number

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RENESAS TECHNOLOGY SINGLE-CHIP 16-BIT MICROCOMPUTER M30621M8-XXXGP MASK ROM CONFIRMATION FORM

The ASCII code for the type No. can be written to EPROM addresses 0000016 to 0000F16 by specifying the pseudo-instructions for the respective EPROM type shown in the following table at the beginning of the assembler source program.

EPROM type	27C201	27C401
source program	\triangle .ORG \triangle 0C0000H	\triangle .SECTION \triangle ASCIICODE, ROM DATA \triangle .ORG \triangle 080000H \triangle .BYTE \triangle ' M30621M8- 'R

Note: The ROM cannot be processed if the type No. written to the EPROM does not match the type No. in the check sheet.

 \Box In the case of floppy disks

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. : M30621M8-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 M30621M8-XXXGP, submit the 80P6S 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 XIN-XOUT oscillation circuit is used?

□ Ceramic resonator		\Box Quartz-crystal oscillator		
External clock input	t	□ Other ()	
	~			

What frequency do you use?

f(XIN) =MHz



REJ19B0761-0	100		
	RENESAS TECHNOLOGY	SINGLE-CHIP 16-BIT	Mask ROM number
	MICROCOMPUTER M30 MASK ROM CONFIRM	621M8-XXXGP	
(2)	Which kind of XCIN-XCOUT oscilla	ation circuit is used? Quartz-crystal oscillator Other ()	
	What frequency do you use? f(XciN) = kHz		
(3)	Which operation mode do you us	se?	
	☐ Single-chip mode ☐ Microprocessor mode	\Box Memory expansion mode	
(4)	Which operating ambient temper	ature do you use?	
	□–10 °C to 75 °C	□–20 °C to 75 °C	□ –40 °C to 75 °C
	□–10 °C to 85 °C	□–20 °C to 85 °C	□ –40 °C to 85 °C
(5)	Which operating supply voltage	do you use?	
	2.7V to 3.2V	□3.2V to 3.7V	□ 3.7V to 4.2V
	□ 4.2V to 4.7V	□ 4.7V to 5.2V	□ 5.2V to 5.5V

Thank you cooperation.

% 4. Special item (Indicate none if there is no specified item)

