

To our customers,

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## Old Company Name in Catalogs and Other Documents

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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>.

Masked ROM Number	
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**RENESAS TECHNOLOGY SINGLE-CHIP 16/32-BIT  
MICROCOMPUTER M30823MH-XXXFP/GP  
MASKED ROM CONFIRMATION FORM**

Renesas use only
Date*:
Received by*
Approved by*

Note : Please fill out all items except ones marked with asterisks(\*)

Company :	Date issued:
Contact person name :	Prepared by
Phone number :                   -                   -	Approved by

**1. Checklist**

Renesas Technology customizes masked ROM with your mask file generated by the mask file generation utilities. Renesas Technology makes no warranty, representation or guarantee regarding the suitability of its products unless the products contain the different ROM data from the mask file you provided. Submit your mask files in 3.5" 2HD floppy disks, IBM formatted. Each floppy disk must contain one mask file only.

Microcomputer type :                    M30823MH-XXXFP                    M30823MH-XXXGP

File code :                                           (HEX)

Mask file name :                                   .MSK (8-digit alphanumeric)

**2. Marking Specification**

The marking specification varies with package types. Complete separate marking specification sheets for each package and attach it to the associated masked ROM confirmation form.

For M30823MH-XXXFP, use the 100P6S marking specification sheet. For M30823MH-XXXGP, use the 100P6Q marking specification sheet.

**3. Operating Conditions**

For reference when testing the products, please answer the following questions concerning the operating conditions of the products.

(1) Which type of resonator do you use with the XIN-XOUT oscillation circuit?

- Ceramic resonator                    Crystal oscillator  
 External clock input                    Other (                    )

What frequency do you use?

f(XIN) =  MHz

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(2) Which type of resonator do you use with the XCIN-XCOUT oscillation circuit?

- Ceramic resonator                       Crystal oscillator  
 External clock input                       Other (                      )

What frequency do you use?

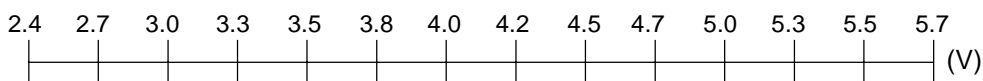
$f(XCIN) =$   kHz

(3) Which operation mode do you use with the microcomputer?

- Single-chip mode                       Memory expansion mode  
 Microprocessor mode

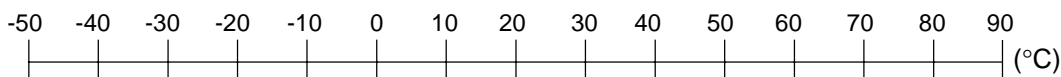
(4) Which operating supply voltage do you apply to the microcomputer?

(Circle the operating voltage range)



(5) Under which operating ambient temperature do you operate the microcomputer?

(Circle the operating temperature range)



(6) Do you used the I<sup>2</sup>C (Inter IC) bus function?

- Not use                                       Use

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

- Not use                                       Use

Thank you for your cooperation.

4. Special notes (Indicate none if there is nothing to specify)