## 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.

Mask ROM Number

## RENESAS TECHNOLOGY SINGLE-CHIP 16/32-BIT MICROCOMPUTER M30853MHT-XXXGP MASK ROM CONFIRMATION FORM

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

Note : Please fill out al	l items except ones	marked with a	sterisks(*).

)

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

1. Check sheet

Renesas Technology customizes the mask 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" 2HDfloppy disks, IBM formatted. Each floppy disk must contain one mask file only.

Microcomputer type No.:	⊐ M	308	53MI	HT-)	XX	GP		
File code:								(hex)
Mask file name:								.MSK (alpha-numeric 8-digit)

2. Marking Specification

The marking specification varies with package types. Complete a separate marking specification sheet for each package and attach it to the associated mask ROM confirmation form. For the M30853MHT-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
  - $\Box$  External clock input  $\Box$  Other (

What frequency do you use?

$f(X_{IN}) =$		MHz
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RENESAS TECHNOLOG MICROCOMPUTER MASK ROM CON	M30853MH	IT-XXXGP					
(2) Which type of resonator do	you use with t	he Xcin-Xcc	OUT oscillat	ion circuit	?		
□ Ceramic resonator			stal oscilla	tor			
External clock input		□ Oth	er (		)		
What frequency do you use	?						
f(Xcin) =	kŀ	Ηz					
(3) Which operation mode do ye	ou use with th	e microcomj	outer?				
(4) Which operating supply volt (Circle the operating voltage		oply to the m	icrocompu	iter?			
4.0 4.2 4.5 4.7 5.0	5.3 5.5	5.7					
		(V)					
(5) Under which operating amb (Circle the operating temper		ure do you c	operate the	microcor	nputer	?	
-50 -40 -30 -20 -10	0 10	20 30	40 5	0 60	70	80	90
		_					(°C)
		1 1	I	1 1	ļ	I	
(6) Do you use I <sup>2</sup> C (Inter IC) bu	s function?						
□ Not use	🗆 Use						
(7) Do you use IE (Inter Equipm	ient) bus func	tion?					
□ Not use	🗆 Use						
(8) Do you use CAN (Controller	Area Networl	k) function?					
Not use	🗆 Use						
Thank you for your cooperation.							

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