## 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.

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## 740 FAMILY MASK ROM CONFIRMATION FORM SINGLE-CHIP MICROCOMPUTER M37560MFD-XXXFP RENESAS TECHNOLOGY

	Date:	
eipt	Section head signature	Supervisor signature
Receipt		

Note:	Please	fill in	all items	marked	×

*	€ Customer	Company name		TEL (	)	uance nature	Submitted by	Supervisor
W.	Cuotomor	Date issued	Date:			Issi sigi		

## \* 1. Confirmation

Specify the name of the product being ordered.

Three EPROMs are required for each pattern if this order is performed by EPROMs.

One floppy disk is required for each pattern if this order is performed by a floppy disk.

Microcomputer name: M37560MFD-XXXFP

☐ Ordering by EPROMs

If at least two of the three sets of EPROMs submitted contain identical data, we will produce masks based on this data. We shall assume the responsibility for errors only if the mask ROM data on the products we produce differs from this data. Thus, extreme care must be taken to verify the data in the submitted EPROMs.

Checksum code for entire EPROM			(hexadecimal notation)

EPROM type (indicate the type used)

□ 27512					
EPROM ad	EPROM address				
000016	Product name ASCII code :				
000F16	'M37560MFD-'				
001016					
107F16					
108016	data				
FFFD <sub>16</sub>	ROM 60K-130 bytes				
FFFE16 FFFF16					

In the address space of the microcomputer, the internal ROM area is from address 108016 to FFFD16. The reset vector is stored in addresses FFFC16 and FFFD16.

- (1) Set the data in the unused area (the shaded area of the diagram) to "FF16".
- (2) The ASCII codes of the product name "M37560MFD-" must be entered in addresses 000016 to 000F16. And set the data "FF16" in addresses 000916 to 000F16. The ASCII codes and addresses are listed to the right in hexadecimal notation.

Address		Add
000016	'M' = 4D16	000
000116	'3' = 3316	000
000216	'7' = 37 <sub>16</sub>	000
000316	'5' = 3516	000
000416	'6' = 3616	000
000516	'0' = 3016	000
000616	'M' = 4D16	000
000716	'F' = 4616	000

Address	
000816	'D' = 4416
000916	'-' = 2D16
000A16	FF16
000B16	FF16
000C16	FF16
000D16	FF16
000E16	FF16
000F16	FF16



Mask ROM number	
IVIASK NOIVI HUHIDEI	

## 740 FAMILY MASK ROM CONFIRMATION FORM SINGLE-CHIP MICROCOMPUTER M37560MFD-XXXFP RENESAS TECHNOLOGY

We recommend the use of the following pseudo-command to set the start address of the assembler source program because ASCII codes of the product name are written to addresses 000016 to 000816 of EPROM.

EPROM type	27512
The pseudo-command	*= △\$0000 .BYTE △M37560MFD-'

Note: If the name of the product written to the EPROMs does not match the name of the mask confirmation form, the ROM will not be processed.

responsibility for errors only if the m treme care must be taken to verify the	ask ROM data on the products e mask file in the submitted flop	mask file generating utility. We shall assume the we produce differs from this mask file. Thus, expy disk.  Dormat. And the number of the mask files must be
File code		(hexadecimal notation)
Mask file name		.MSK (equal or less than eight characters)
		package being ordered. Fill out the appropriate it to the mask ROM confirmation form.
* 3. Usage conditions Please answer the following questions	about usage for use in our pro	duct inspection :
(1) How will you use the XIN-XOUT oscillato	?	
Ceramic resonator	Quartz crystal	
External clock input	Other (	
At what frequency?	f(XIN) = MHz	
(2) How will you use the XCIN-XCOUT oscilla	itor?	
☐ Ceramic resonator	☐ Quartz crystal	
Other ( )	·	
At what frequency?	f(XCIN) = kHz	
* 4. Comments		

