## 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: <a href="http://www.renesas.com">http://www.renesas.com</a>

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

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



RI	EJ19B065	2-0100				Mask F	ROM number	
		SINGLE-C	MASK ROM ORDER CONSTITUTE MICROCOMPUTER M3 RENESAS TECHNOLO ms marked **.	4501M4-XXXFI		Receipt	Date: Section head signature	Supervisor signature
**	Customer	Company name	TEL (		)	ure	Responsible	Supervisor
		Date issued	Date:			Issuance signature		
*		sets of EF	PROMs are required for eaclist required for each pattern	•		•	•	ROMs.
	Specif If at le masks on the	ast two of based on products	EPROMs of EPROMs submitted (che the three sets of EPROMs this data. We shall assume t we produce differ from this d a contained in the EPROMs	submitted contains the responsibility ata. Thus, the	ain the ide y for errors	entical o s only i	f the mask	ROM data
	Ch	ecksum co	ode for entire EPROM area		(he	xadecii	mal notation	n)

## EPROM Type:

27C256	27C512			
Low-order 5-bit data 000016 4.00K 0FFF16 4.00K 4.00K 4FFF16 7FFF16	Low-order 5-bit data 000016 4.00K 0FFF16 4.00K 4FFF16 4.00K 4.00K 4FFF16			

Set "FF16" in the shaded area.

Set "1112" in the area of low-order and high-order 5-bit data.



## 4500 SERIES MASK ROM ORDER CONFIRMATION FORM SINGLE-CHIP MICROCOMPUTER M34501M4-XXXFP RENESAS TECHNOLOGY

	sume the responsibility for e mask file. Thus, extreme ca	rrors only if the mask ROM data or re must be taken to verify the mas nust be-3.5 inch 2HD type and D	the mask file generating utility. We shall as- on the products we produce differs from this ok file in the submitted floppy disk. OS/V format. And the number of the mask						
	File code		(hexadecimal notation)						
	Mask file name		.MSK (equal or less than eight characters)						
<b>*2</b> .	•	ark Specification Form (20P2N	m for the type of package being ordered. -A for M34501M2-XXXFP) and attach to						
<b>*3</b> .	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 operation source  Ceramic resonator  RC oscillation  External clock input  Other(  Ring oscillator	clock you use?  →What frequency of f(XIN)=	do you use? _MHz						
	(2)What is the voltage of power supply (VDD) you use?  Min.= V Typ.= V Max.= V								
	(3)What is the ambient ter Min.= C	· —	ox.=						
	(4)Do you use the RAM back-up mode (POF instruction and POF2 instruction)?  Not use Use only POF instruction Use only POF2 instruction Use both instructions								
	(5)Do you use the A-D code Not use Use Thank you cooperation.								

\*4. Comments