## 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.



REJ19B0665-0100						Ν	Mask ROM number			
4500 SERIES MASK ROM ORDER CONFIRMATION FORM SINGLE-CHIP MICROCOMPUTER M34518M4-XXXSP/FP RENESAS TECHNOLOGY  Please fill in all items marked **.						Receipt	Date: Section head signature	Supervisor signature		
**Customer	Company name Date	Date:	TEL (		)		signature	Responsible	Supervisor	
	issued									
One fl  Mid  Orderi Specif If at le masks on the	oppy disk crocomputering by the type east two of based on products	is required for er name: EPROMs of EPROMs the three set this data. We we produce d	equired for each part each part each pattern if  M34518M4-XX submitted (check its of EPROMs su shall assume the iffer from this data the EPROMs su	this order i  XSP  in the appropriate con responsibila. Thus, the	s perform  M345  roximate be stain the idity for error	ed 18M oox) den	by flo //4-XX ). tical conly if	oppy disk.  XFP  data, we will the mask	II produce ROM data	
Checksum code for entire EPROM area (he						exa	exadecimal notation)			
EPROM Ty <sub>l</sub>	pe:									
	27C256		27C512							
	w-order oit data 01	000 <sub>16</sub> 4.00K FFF <sub>16</sub>	Low-orde 5-bit data	0FFF <sub>16</sub>	I.00K					

Set "FF16" in the shaded area.

High-order

5-bit data

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

4.00K

4FFF<sub>16</sub>

High-order 5-bit data

## 4500 SERIES MASK ROM ORDER CONFIRMATION FORM SINGLE-CHIP MICROCOMPUTER M34518M4-XXXSP/FP RENESAS TECHNOLOGY

	Ordering by floppy disk  We will produce masks based on the mask files generated by the mask file generating utility. We shall assume the responsibility for errors only if the mask ROM data on the products we produce differs from this mask file. Thus, extreme care must be taken to verify the mask file in the submitted floppy disk.  The submitted floppy disk must be-3.5 inch 2HD type and DOS/V format. And the number of the mask files must be 1 in one floppy disk.
	File code (hexadecimal notation)
	Mask file name .MSK (equal or less than eight characters)
<b>*2</b> .	Mark Specification  Mark specification must be submitted using the correct form for the type of package being ordered.  Fill out the approximate Mark Specification Form (32P4B for M34518M4-XXXSP, 32P6U-A for M34518M4-XXXFP) and attach to the Mask ROM Order Confirmation Form.
<b>*</b> 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 operation source clock you use?  Ceramic resonator  RC oscillation External clock input Quartz-crystal oscillation Other( Ring oscillator
	(2)What is the voltage of power supply (VDD) you use?  Min.= V Typ.= V Max.= V
	(3)What is the ambient temperature you use?  Min.= °C Typ.= °C Max.= °C
	(4)Do you use the power down function (POF instruction)?  Not use Use
	(5)Do you use the voltage drop detection circuit?  Not use Use
	(6)Do you use the A-D converter?  Not use Use
	(7)Do you use the serial I/O?  Not use Use
	Thank you cooperation.

\*4. Comments