To our customers,

Old Company Name in Catalogs and Other Documents

On April 1st, 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 1st, 2010
Renesas Electronics Corporation

Issued by: Renesas Electronics Corporation (http://www.renesas.com)

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

RENESAS

4500 SERIES MASK ROM ORDER CONFIRMATION FORM
SINGLE-CHIP MICROCOMPUTER M34524MC-XXXFP
RENESAS TECHNOLOGY

Mask ROM number	

Please fill in all items marked ❋.

			Receipt	Date:	
				Section head signature	Supervisor signature
❋Customer	Company name	TEL ( )			
	Date issued	Date:	Issuance signature	Responsible officer	Supervisor

❋1. Confirmation

Three sets of 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 floppy disk.

☐ Ordering by the EPROMs

Specify the type of EPROMs submitted (check in the approximate box).

If at least two of the three sets of EPROMs submitted contain the 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 differ from this data. Thus, the customer must be especially careful in verifying the data contained in the EPROMs submitted.

Checksum code for entire EPROM area ☐☐☐☐ (hexadecimal notation)

EPROM Type:

☐ 27C256	☐ 27C512
Low-order 5-bit data 0000_{16} / $2FFF_{16}$ 12.0K High-order 5-bit data 4000_{16} / $6FFF_{16}$ 12.0K $7FFF_{16}$	Low-order 5-bit data 0000_{16} / $2FFF_{16}$ 12.0K High-order 5-bit data 4000_{16} / $6FFF_{16}$ 12.0K $FFFF_{16}$

Set "FF_{16}" in the shaded area.
Set "111_2" in the area ▮ of low-order and high-order 5-bit data.

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Mask ROM number

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☐ 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)

※2. 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 (64P6N for M34524MC-XXXFP) and attach to the Mask ROM Order Confirmation Form.

※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   What frequency do you use?
☐ External clock input $f(X_{IN})=$ ☐ MHz
☐ Other(   )
☐ Ring oscillator
☐ Quartz-crystal oscillation

(2) What is the voltage of power supply (V_{DD}) 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 and POF2 instruction)?
☐ Not use   ☐ Use only POF instruction
☐ Use only POF2 instruction   ☐ Use both instructions

(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

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