

To our customers,

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## Old Company Name in Catalogs and Other Documents

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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	
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**4500 SERIES MASK ROM ORDER CONFIRMATION FORM  
SINGLE-CHIP MICROCOMPUTER M34513M6-XXXFP  
RENESAS TECHNOLOGY**

Please fill in all items marked \*.

* Customer	Company name		TEL (                      )	Date:		Receipt	Date:		
	Date issued						Section head signature	Supervisor signature	
						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 

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 (hexadecimal notation)

EPROM Type:

<input type="checkbox"/> 27C256	<input type="checkbox"/> 27C512																																																		
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; background-color: #cccccc;"></td> <td style="width: 15%; text-align: center;">Low-order 5-bit data</td> <td style="width: 10%; text-align: right;">0000<sub>16</sub></td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;">6.00K</td> </tr> <tr> <td style="background-color: #cccccc;"></td> <td></td> <td style="text-align: right;">17FF<sub>16</sub></td> <td></td> <td></td> </tr> <tr> <td style="background-color: #cccccc;"></td> <td></td> <td style="text-align: right;">4000<sub>16</sub></td> <td></td> <td></td> </tr> <tr> <td style="background-color: #cccccc;"></td> <td style="text-align: center;">High-order 5-bit data</td> <td style="text-align: right;">57FF<sub>16</sub></td> <td></td> <td style="text-align: right;">6.00K</td> </tr> <tr> <td style="background-color: #cccccc;"></td> <td></td> <td style="text-align: right;">7FFF<sub>16</sub></td> <td></td> <td></td> </tr> </table>		Low-order 5-bit data	0000 <sub>16</sub>		6.00K			17FF <sub>16</sub>					4000 <sub>16</sub>				High-order 5-bit data	57FF <sub>16</sub>		6.00K			7FFF <sub>16</sub>			<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; background-color: #cccccc;"></td> <td style="width: 15%; text-align: center;">Low-order 5-bit data</td> <td style="width: 10%; text-align: right;">0000<sub>16</sub></td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;">6.00K</td> </tr> <tr> <td style="background-color: #cccccc;"></td> <td></td> <td style="text-align: right;">17FF<sub>16</sub></td> <td></td> <td></td> </tr> <tr> <td style="background-color: #cccccc;"></td> <td></td> <td style="text-align: right;">4000<sub>16</sub></td> <td></td> <td></td> </tr> <tr> <td style="background-color: #cccccc;"></td> <td style="text-align: center;">High-order 5-bit data</td> <td style="text-align: right;">57FF<sub>16</sub></td> <td></td> <td style="text-align: right;">6.00K</td> </tr> <tr> <td style="background-color: #cccccc;"></td> <td></td> <td style="text-align: right;">FFFF<sub>16</sub></td> <td></td> <td></td> </tr> </table>		Low-order 5-bit data	0000 <sub>16</sub>		6.00K			17FF <sub>16</sub>					4000 <sub>16</sub>				High-order 5-bit data	57FF <sub>16</sub>		6.00K			FFFF <sub>16</sub>		
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		FFFF <sub>16</sub>																																																	

Set "FF<sub>16</sub>" in the shaded area.

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

Mask ROM number	
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SINGLE-CHIP MICROCOMPUTER M34513M6-XXXFP  
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

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(hexadecimal notation)

Mask file name

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.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 (32P6B-A for M34513M6-XXXFP) and attach to the Mask ROM Order Confirmation Form.

**\*3. Comments**