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.



REJ19B0749-0100

RENESAS TECHNOLOGY-CHIP 16-BIT MICROCOMPUTER M30620MCM-XXXFP/GP MASK ROM CONFIRMATION FORM

| Mask ROM number | | | | | | | |
|-----------------|------------------------|----------------------|--|--|--|--|--|
| | Date : | | | | | | |
| _ ta | Section head signature | Supervisor signature | | | | | |
| Receipt | | | | | | | |

Note : Please complete all items marked * .

Customer Date issued Date :

***1. Check sheet**

Renesas processes the mask files generated by the mask file generation utilities out of those held on the floppy disks you give in to us, and forms them into masks. Hence, we assume liability provided that there is any discrepancy between the contents of these mask files and the ROM data to be burned into products we produce. Check thoroughly the contents of the mask files you give in.

Prepare 3.5 inches 2HD (IBM format) floppy disks. And store only one mask file in a floppy disk.

| Microcomputer type No. : | ∐M30620MCM-XXXFP | ∐M30620MCM-XXXGP | | | |
|--------------------------|------------------|------------------------------|--|--|--|
| File code : | | (hex) | | | |
| Mask file name : | | .MSK (alpha-numeric 8-digit) | | | |

*2. Mark specification

The mark specification differs according to the type of package. After entering the mark specification on the separate mark specification sheet (for each package), attach that sheet to this masking check sheet for submission to Renesas.

For the M30620MCM-XXXFP, submit the 100P6S mark specification sheet. For the M30620MCM-XXXGP, submit the 100P6Q mark specification sheet.

***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 kind of XIN-XOUT oscillation circuit is used? | | | | | | | | | |
|---|------------------|-----------|--|--|--|--|--|--|--|
| Ceramic resonator | Quartz-crystal o | scillator | | | | | | | |
| External clock input | Other (|) | | | | | | | |
| What frequency do you use? | | | | | | | | | |
| f(XIN) = MHz | | | | | | | | | |



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| Mask ROM number | |
|-----------------|--|
|-----------------|--|

RENESAS TECHNOLOGY-CHIP 16-BIT MICROCOMPUTER M30620MCM-XXXFP/GP MASK ROM CONFIRMATION FORM

| (2) Whic | h kind of | XCIN-X | COUT | scilla | tion ci | rcuit is | s used | d? | | | | | |
|--------------------------------------|-----------------------|-----------|----------------|---------------------------|---------------|------------|--------|-------|-------|-----|-----|-----|-----|
| | Ceramic resonator | | | Quartz-crystal oscillator | | | | | | | | | |
| | External clock input | | | | Othe | r (| |) | | | | | |
| What | t frequen | cy do yo | ou use | ? | | | | | | | | | |
| | f(XCIN) | = | | kHz | <u> </u> | | | | | | | | |
| (3) Whic | h operatio | on mod | e do vi | วน บระ | <u> </u> | | | | | | | | |
| | Single- | | • | J G. G.G. | _ | Mem | orv ex | pansi | on mo | ode | | | |
| | Micropr | • | | 9 | | | , | | | | | | |
| (A) \A/I ₅ : ₅ | • | | | | | | | | | | | | |
| | h operati | | - | _ | - | | | | | | | | |
| • | le the ope 2.4 2.6 | _ | voitage 2.8 | e rang 2.9 | e of u 3.0 | se) 3.1 | 2.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 |
| 2.2 | 2.4 2.0 | 2.7 | 2.0 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | (V) |
| (5) Whic | h operati | ng amb | ient te | mpera | ature o | do you | ı use? | • | | | | | |
| ` ' | · le the ope | _ | | | | • | | | | | | | |
| -50 | -40 -30 | _ | -10 | Q | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |
| | | | | | | | | | | | | | (°C |
| (6) Do vo | ou use l ² | C. (Inter | IC) bu | ıs fund | rtion? | | | | | | | | |
| | Not use | ` | 10) 50 | io rani | | Use | | | | | | | |
| | | | | | | | | | | | | | |
| (7) Do yo | ou use IE | | Equipn | nent) l | _ | | ? | | | | | | |
| L | ∐Not use |) | | | | Use | | | | | | | |
| Thank you | coopera | tion | | | | | | | | | | | |
| Thank you | соорега | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | em (Indic | ate non | e if the | ere is | not sp | ecifie | d item | 1) | | | | | |

