

## Mask Set Errata

MSE08AZ48A\_0L02M  
5/2003

Mask Set Errata for  
MC68HC08AZ48A,  
Mask 0L02M



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## Introduction

This mask set errata applies to this MC68HC08AZ48A MCU mask set:

- 0L02M

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## MCU Device Mask Set Identification

The mask set is identified by a 5-character code consisting of a version number, a letter, two numerical digits, and a letter, for example 0L02M. All standard devices are marked with a mask set number and a date code.

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## MCU Device Date Codes

Device markings indicate the week of manufacture and the mask set used. The date is coded as four numerical digits where the first two digits indicate the year and the last two digits indicate the work week. For instance, the date code "0301" indicates the first week of the year 2003.

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## MCU Device Part Number Prefixes

Some MCU samples and devices are marked with an SC, PC, or XC prefix. An SC prefix denotes special/custom device. A PC prefix indicates a prototype device which has undergone basic testing only. An XC prefix denotes that the device is tested but is not fully characterized or qualified over the full range of normal manufacturing process variations. After full characterization and qualification, devices will be marked with the MC or SC prefix.

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**ADC Voltage Reference Pin Setting Voltage**

SE55-VREFH

<b>Detailed Description</b>	<p>In the 0.5<math>\mu</math> MCU, the VREFH pin voltage must always be set to <math>V_{DD} \pm 0.5</math> V. Failure to do so may result in internal damage to the MCU circuitry.</p> <p>In the 0.65<math>\mu</math> device, it was possible to connect a voltage between 1.5 V and <math>V_{DDAREF}</math> to the VREFH pin.</p>
<b>Workaround</b>	<p>No suitable hardware workaround is possible with the 0.5<math>\mu</math> device. It is possible to use the MC68HC908AZ60A as a replacement.</p>



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