

**Mask Set Errata**

MSE908GT8\_1L61G  
5/2004

Mask Set Errata for  
MC68HC908GT8,  
Mask 1L61G



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**Introduction**

This mask set errata applies to this MC68HC908GT8 MCU mask set:

- 1L61G

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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 1L61G. 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 "0401" indicates the first week of the year 2004.

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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  $V_{REFH}$  and  $V_{REFL}$** 

SE77-ADC\_VREF

The  $V_{REFH}$  and  $V_{REFL}$  pins cannot be used with an external precision voltage reference as stated in the electrical specifications.  $V_{REFH}$  is connected to  $V_{DDA}$  through a diode, and  $V_{REFL}$  is connected to  $V_{SSA}$  through a diode. As a result of these connections, the following is required:

- $V_{REFH}$  must be connected to the same potential as  $V_{DDA}$ .
  - $V_{REFL}$  must be connected to the same potential as  $V_{SSA}$ .
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