

Mask Set Errata 1

MC68HC912BD32 Microcontroller Unit

INTRODUCTION

This errata provides information applicable to the following MCU mask set devices:

- 0K29E

MCU DEVICE MASK SET IDENTIFICATION

The mask set is identified by a four-character code consisting of a letter, two numerical digits, and a letter, for example F74B. Slight variations to the mask set identification code may result in an optional numerical digit preceding the standard four-character code, for example 0F74B.

MCU DEVICE DATE CODES

Device markings indicate the week of manufacture and the mask set used. The data is coded as four numerical digits where the first two digits indicate the year and the last two digits indicate the work week. The date code "9115" would indicate the 15th week of the year 1991.

MCU DEVICE PART NUMBER PREFIXES

Some MCU samples and devices are marked with an SC, PC, ZC or XC prefix. An SC, PC or ZC prefix denotes special/custom device. An XC prefix denotes 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 prefix.

When contacting a Motorola representative for assistance, please have the MCU device mask set and date code information available.

Specifications and information herein are subject to change without notice.



ERRATA SUMMARY

Errata Number	Module affected	Brief description	Workaround available?	First Issued
AR311	ATD	Internal reference conversion result undetermined	Yes	Rev 1
	ESD	Device does not meet Motorola MC ESD requirements	Yes	Rev 1

ATD:

AR311

The (VRH-VRL)/2 internal reference conversion result may be \$7F, \$80 or \$81.

Work-around


If the (VRH-VRL)/2 internal reference is used (perhaps for system diagnostics), expected pass result may be \$7F, \$80 or \$81.

ESD:

The device does not meet Motorola MC ESD requirements.

Work-around

Extra care must be taken when handling this device.

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