

Mask Set Errata 1

68HC05P18 8-Bit Microcontroller Unit

INTRODUCTION

This errata provides port A pull-up resistor and interrupt information applicable to the following 68HC05P18 MCU mask set device:

- 1F52W

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 (e.g., F52W). Slight variations to the mask set identification code may result in an optional numerical digit preceding the standard four-character code (e.g., 1F52W).

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" or "XC" prefix. An "SC" 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.

Whenever 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.



PORT A PULL-UPS

The mask option enabling port A pull-up resistors and the port A interrupt function is not available. Port A functions only as a normal input/output port.

Because port A interrupts are disabled, port A must be polled in software to detect any activity.

If port A pull-up resistors are needed, the user must manually add external pull-up resistors. If the internal port A resistors were available on this mask set, their values would range typically between 60 kohm–100 kohm with a usual value of 75 kohm.

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