
Mask Set Errata For 1M92K

Introduction

This mask set errata applies to the mask for these products:

- MCF51JM128
- MCF51JM64
- MCF51JM32

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 0J27F. All standard devices are marked with a mask set number and a date code.

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.

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.

Errata: SE158-USB-OTG-HUB : Low Speed Devices may not function properly when connected with USBOTG (work as Host) through a USB Hub

Errata type: *Silicon*

Affected componenet: *USB*

Description

There was a problem with USBOTG (work as HOST) working with a low speed device downstream of a Full Speed Hub. The failure was due to the fact that, USBOTG did not issue the PRE PID before sending an ACK response to the device.

Workarounds

- Full-speed and low-speed device can be attached to communicate with USBOTG (Host mode) directly.
- Only full-speed device can be attached to USBOTG (Host mode) through a USB Hub.