

Silicon Mask (m31k) Errata:

MC10XS3412, MC15XS3400, MC35XS3400 & MC10XS3435

Introduction

This errata sheet applies to all part numbers for the **MC10XS3412, MC15XS3400, MC35XS3400, MC10XS3435** device families - Quad High Side Switch.

Device Revision Identification

The device revision is indicated by the second marking line. All standard devices are marked with a device identification and build information code.

Device Build Information / Date Code

Device markings indicate build information containing the week and year of manufacture. The date is coded with the last four characters of the nine character build information code (e.g. "CTKAH**0429**"). The date is coded as four numerical digits where the first two digits indicate the year and the last two digits indicate the week. For instance, the date code "**0429**" indicates the 29th week of the year 2004.

Device Part Number Prefixes

Some device samples are marked with a **PC** prefix. A **PC** prefix indicates a prototype device which has undergone basic testing only. After full characterization and qualification, devices will be marked with the **PC** prefix.

Behavioral Disconnects

FSB Reporting in case of Under-voltage Fault

The FSB pin follows the battery voltage. This pin will go to logic [0] when $V_{PWR} \leq V_{PWR(UV)}$ and will come back to logic [1] when $V_{PWR} > V_{PWR(UV)_UP}$.

Output Shutdown Delay Time at Low Battery Voltage

Below 4.0 V typ of V_{PWR} , the output shutdown delay time is not guaranteed. The N-channel MOSFET could drain current during few 10 μ s.

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