



April 4, 2012

CN Number: 1207

Subject: MX Datasheet Update

Dear Customer,

The purpose of this notification is to provide information regarding updates to the datasheet for our MX family of products. Information regarding transient current was added.

Due to the simultaneous random logic switching activity during power-up, a transient current may appear on the core supply (VCC). Customers must use a regulator for the VCC supply that can source a minimum of 100 mA for inrush current during power-up. However, there are no reliability concerns, since transient current is distributed across the die instead of localized. Since the transient current is not due to I/O switching, its value and duration are independent of the VCCI.

For questions, please contact the Microsemi SoC Products Group Technical Support hotline at [soc\\_tech@microsemi.com](mailto:soc_tech@microsemi.com).

Regards,

Microsemi SoC Products Group