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| Bulletin Date: | 3/18/2013 | | Bulletin Effective Date: | | 3/21/2013 |
| Title: | SiM3U1xx/SiM3C1xx Errata Update Notification | | | | |
| Originator: | Evan Schulz | Phone: | 512-532-5893 | Dept: | Marketing |
| Customer Contact: | Kathy Haggar | Phone: | 512-532-5261 | Dept: | Sales |
| Bulletin Details | | | | | |
| Description: An updated version of the SiM3U1xx/SiM3C1xx revision B errata is now available (SiM3U1xx-SiM3C1xxERB030513). Item H7 “Disabled VDD Monitor does not prevent flash write or erase operations” was added. | | | | | |
| Reason: Devices with date codes before 1311 will execute flash write and erase operations if the VMON0 supply monitor is disabled or disabled as a reset source. | | | | | |
| Product Identification: The following orderable part numbers are affected: SiM3C167-B-GM SiM3C167-B-GQ SiM3C166-B-GM SiM3C166-B-GQ SiM3C164-B-GM SiM3C157-B-GM SiM3C157-B-GQ SiM3C156-B-GM SiM3C156-B-GQ SiM3C154-B-GM SiM3C146-B-GM SiM3C146-B-GQ SiM3C144-B-GM SiM3C136-B-GM SiM3C136-B-GQ SiM3C134-B-GM SiM3U167-B-GM SiM3U167-B-GQ SiM3U166-B-GM SiM3U166-B-GQ SiM3U164-B-GM SiM3U157-B-GM SiM3U157-B-GQ SiM3U156-B-GM SiM3U156-B-GQ SiM3U154-B-GM SiM3U146-B-GM SiM3U146-B-GQ SiM3U144-B-GM SiM3U136-B-GM SiM3U136-B-GQ SiM3U134-B-GM | | | | | |

Customer Actions Needed:

Devices with firmware modifying flash write or erase operations using the FLASHCTRL module must ensure that the VMON0 supply monitor is enabled as a reset source prior to executing the flash modification operation.

Devices with date codes later than 1311 will behave as described in revision 1.0 of the SiM3U1xx/SiM3C1xx Reference Manual. These devices will ignore flash write and erase operations if the VMON supply monitor (VMON0) is not enabled as a reset source.

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