



PRODUCT BULLETIN # 20228

Issue Date: 05-Sep-2013

TITLE: Rhythm Product Family Firmware Updates

PROPOSED FIRST SHIP DATE: Will affect products manufactured after September 05, 2013

AFFECTED CHANGE CATEGORY(S): Firmware Revision

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor sales office or <chris.mcgrath@onsemi.com>

NOTIFICATION TYPE:

ON Semiconductor considers this change approved unless specific conditions of acceptance are provided in writing. To do so, contact <quality@onsemi.com>.

DESCRIPTION AND PURPOSE:

ON Semiconductor has identified a feature enhancement that will be implemented across the Rhythm product line along with a minor update on the SB3229 product.

With the release of a new magnetic switch for automatic telecoil functionality that only works with the memory select pin internal resistor tied to ground, it was necessary to update the FW to allow this switch to function for its intended purpose.

The SB3229, a minor change has been implemented to the Feedback Cancellor to fix an instability problem at low input levels when the squelch is enabled. This only applies to the SB3229 as it currently exists in all other Rhythm family products.

<u>Part number</u>	<u>Previous FW revision</u>	<u>New FW revision</u>
SB3229	1.2.6	1.3.0
SB3230	1.3.2	1.4.1
SB3231	1.3.2	1.4.1
R3910	1.1.0	1.2.0

List of affected General Parts:

SB3229-E1
SB3229-E1-T
SB3230-E1-T
SB3230-E1
SB3231-E1-T
SB3231-E1
R3910-CFAB-E1T
R3910-CFAB-E1B