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Bulletin Date: 12/17/2015		Bulletin Effective Date: 12/17/2015	
Title: EFM8BB2/EFM8UB1 Data Sheets Rev 1.1 and Erratum Rev 0.4 Update			
Originator: Kafai Leung		Phone: 512-532-5232	Dept: Marketing
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Bulletin Details			
Description: Silicon Labs is pleased to announce that the following data sheets and erratum are updated and available at www.silabs.com EFM8BB2 Revision 1.1 data sheet EFM8BB2 Revision 0.4 errata EFM8UB1 Revision 1.1 data sheet EFM8UB1 Revision 0.4 errata EFM8BB2 Rev 0.3 errata items have been moved to EFM8BB2 Errata History Rev 0.1 EFM8UB1 Rev 0.3 errata items have been moved to EFM8UB1 Errata History Rev 0.1			
Reason: <u>EFM8BB2 Revision 1.1 data sheet includes:</u> Comparator falling edge wakes the device from Suspend and Snooze modes - Updated Comparator 0 falling edge as wake-up sources in Suspend mode and Snooze mode in Table 3.1 Power Modes on page 4 Undefined GPIO level whenever VDD is less than 1V - Added a note regarding GPIO levels undefined whenever VDD is less than 1V in Table 4.1 Recommended Operating Conditions on page 11 Typical debug pins connection - Added section 5.2 Debug on page 28 to describe a typical connection for the debug connections pins <u>EFM8BB2 Revision 0.4 errata includes:</u> EFM8BB2 bootloader will be pre-programmed to all the devices manufactured on or after date code 1601 <u>EFM8UB1 Revision 1.1 data sheet includes:</u> Comparator falling edge wakes the device from Suspend and Snooze modes - Updated Comparator 0 falling edge as wake-up sources in Suspend mode and Snooze mode in Table 3.1 Power Modes on page 4 Undefined GPIO level whenever VIO is less than 1V - Added a note regarding GPIO levels undefined whenever VIO is less than 1V in Table 4.1 Recommended Operating Conditions on page 12 Typical debug pins connection - Added section 5.3 Debug on page 32 to describe a typical connection for the debug connections pins			



Bulletin #1512171

EFM8UB1 Revision 0.4 errata includes:

EFM8UB1 bootloader will be pre-programmed to all the devices manufactured on or after date code 1601

Product Identification:

EFM8BB22F16G-C-QFN28
EFM8BB21F16G-C-QSOP24
EFM8BB21F16G-C-QFN20
EFM8UB10F16G-C-QFN28
EFM8UB11F16G-C-QSOP24
EFM8UB10F16G-C-QFN20
EFM8UB10F8G-C-QFN20
EFM8BB22F16G-C-QFN28R
EFM8BB21F16G-C-QSOP24R
EFM8BB21F16G-C-QFN20R
EFM8UB10F16G-C-QFN28R
EFM8UB11F16G-C-QSOP24R
EFM8UB10F16G-C-QFN20R
EFM8UB10F8G-C-QFN20R

Note: The part numbers above include tape and reel variants which are denoted with an "R" at the end of the orderable part number.

This change is considered a minor change which does not affect form, fit, function, quality, or reliability. The information is being provided as a customer courtesy.

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Customer Actions Needed:

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