

Bulletin #1605171

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Bulletin Date: 5/17/2016 Bulletin Effective Date: 5/17/2016

Title: EFM8SB2 Errata 0.4

Bulletin Details

Description:

Silicon Labs is pleased to announce that the following errata is updated and available at www.silabs.com:

EFM8SB2 Revision 0.4 Errata

Reason:

EFM8SB2 errata which includes:

- 1.) Addition of a built in firmware workaround for a slowly decaying VDD ramp. This firmware addition is added into revision A devices with date codes 1532 and later.
- 2.) Addition of Section 2.5 RST E102 VDD Monitor Disabled in the errata to explain why a slowly decaying VDD ramp can cause oscillations on the RST pin and VDD monitor to become disabled. A workaround is suggested by having firmware enable the VDD monitor as the first instruction executed after a reset or in startup routine.

Please see EFM8SB2 Revision 0.4 Errata.

Product Identification:

EFM8SB20F16G-A-QFN24

EFM8SB20F16G-A-QFN24R

EFM8SB20F32G-A-QFN24

EFM8SB20F32G-A-QFN24R

EFM8SB20F32G-A-QFN32

EFM8SB20F32G-A-QFN32R

EFM8SB20F32G-A-QFP32

EFM8SB20F32G-A-QFP32R

EFM8SB20F64G-A-QFN24 EFM8SB20F64G-A-QFN24R

EFM8SB20F64G-A-QFN32

EFM8SB20F64G-A-QFN32R

EFM8SB20F64G-A-QFP32

EFM8SB20F64G-A-QFP32R

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:

Review above errata.