



2403201523 EFM8BB1/2/3, EFM8BB51, EFM8LB1, EFM8SB1 and EFM8UB1 Datasheet Updates

Bulletin Issue Date: Mar 20, 2024

Effective Date: Mar 20, 2024

Description of Change

Silicon Labs is pleased to announce the release of datasheet revisions for EFM8BB1, EFM8BB2, EFM8BB3, EFM8BB51, EFM8LB1, EFM8SB1 and EFM8UB1 devices.

Links to datasheets:

EFM8BB1 v1.7: <https://www.silabs.com/documents/public/data-sheets/efm8bb1-datasheet.pdf>

EFM8BB2 v1.5: <https://www.silabs.com/documents/public/data-sheets/efm8bb2-datasheet.pdf>

EFM8BB3 v1.5: <https://www.silabs.com/documents/public/data-sheets/efm8bb3-datasheet.pdf>

EFM8BB51 v1.1: <https://www.silabs.com/documents/public/data-sheets/efm8bb51-datasheet.pdf>

EFM8LB1 v1.4: <https://www.silabs.com/documents/public/data-sheets/efm8lb1-datasheet.pdf>

EFM8SB1 v1.5: <https://www.silabs.com/documents/public/data-sheets/efm8sb1-datasheet.pdf>

EFM8UB1 v1.4: <https://www.silabs.com/documents/public/data-sheets/efm8ub1-datasheet.pdf>

Reason for Change

Summary of the changes (please refer to the datasheet revision history for a complete list of changes):

- Noted that all QSOP Package OPNs are EOL (EOL PCN 2402211513 dated Feb 21, 2024)
- Corrected 'E' dimension drawing in QFN20 PCB Land Pattern image (EFM8BB1/2 and UB1)
- Added missing SPI electrical specifications (EFM8BB3 and LB1)
- Updated Silicon Labs recommendation for code security when using the Bootloader (EFM8BB1/2, SB1, UB1)
- Corrections to the memory layout diagrams (EFM8BB51)

Product Identification

Existing Part #

EFM8BB10F2A-A-QFN20
 EFM8BB10F2A-A-QFN20R
 EFM8BB10F2G-A-QFN20
 EFM8BB10F2G-A-QFN20R
 EFM8BB10F2I-A-QFN20
 EFM8BB10F2I-A-QFN20R
 EFM8BB10F4A-A-QFN20
 EFM8BB10F4A-A-QFN20R
 EFM8BB10F4G-A-QFN20
 EFM8BB10F4G-A-QFN20R
 EFM8BB10F4I-A-QFN20
 EFM8BB10F4I-A-QFN20R
 EFM8BB10F8A-A-QFN20
 EFM8BB10F8A-A-QFN20R
 EFM8BB10F8G-A-QFN20
 EFM8BB10F8G-A-QFN20R
 EFM8BB10F8G-A-QSOP24
 EFM8BB10F8G-A-QSOP24R
 EFM8BB10F8G-A-SOIC16
 EFM8BB10F8G-A-SOIC16R
 EFM8BB10F8I-A-QFN20
 EFM8BB10F8I-A-QFN20R
 EFM8BB10F8I-A-QSOP24
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 EFM8BB10F8I-A-SOIC16

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EFM8UB11F16G-C-QFN24
EFM8UB11F16G-C-QFN24R
EFM8UB11F16G-C-QSOP24
EFM8UB11F16G-C-QSOP24R

Kit Identification

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.

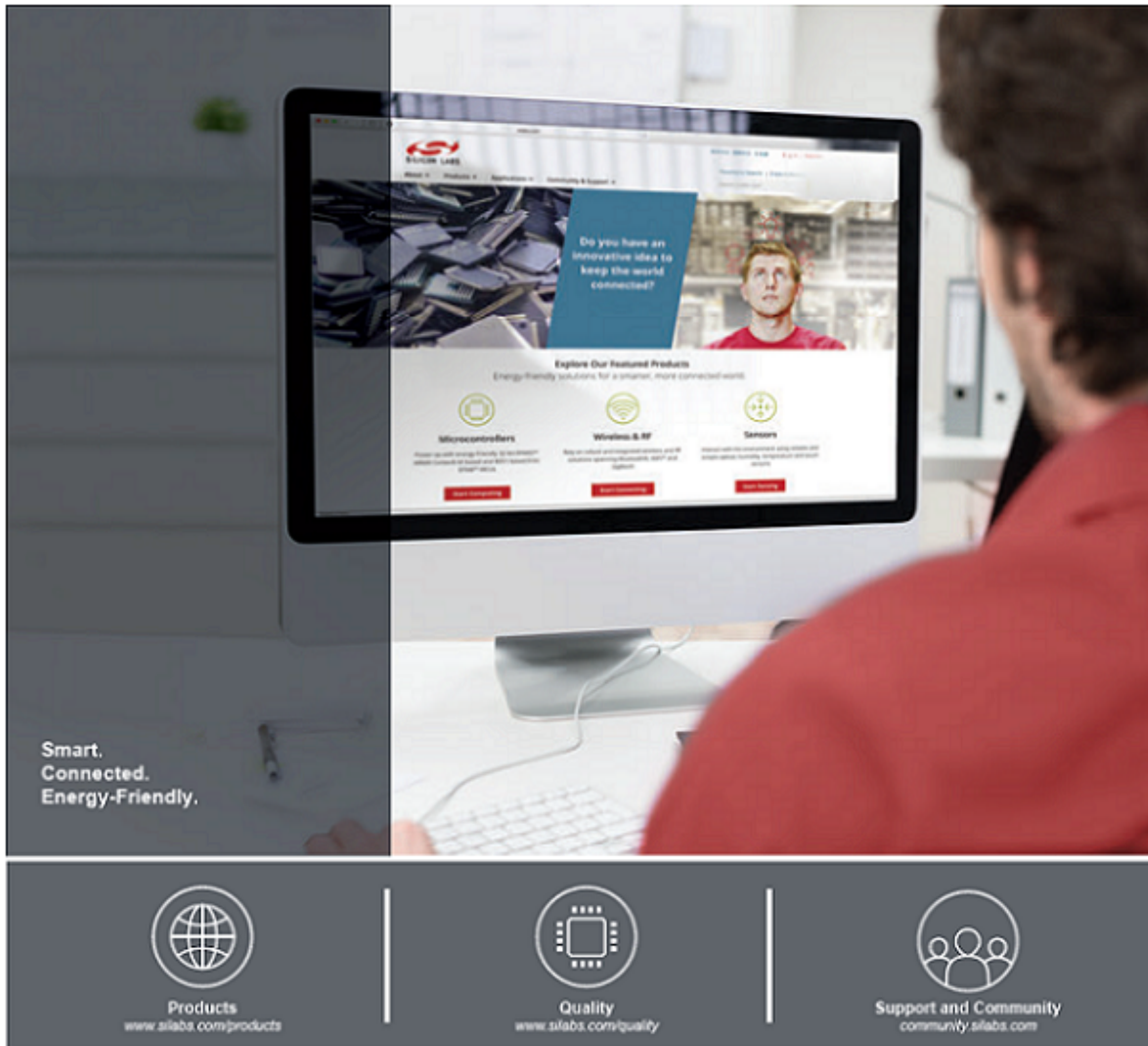
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Silicon Laboratories Inc.
400 West Cesar Chavez
Austin, TX 78701

<http://www.silabs.com>