2211301391 Errata Update v1.2 for EFM8LB1 Devices

Bulletin Issue Date: Nov 30, 2022 **Effective Date:** Nov 30, 2022

Description of Change

Silicon Labs is pleased to announce the release of errata version 1.2 for EFM8LB1 devices. Driving issue for this errata update is to capture issue with production test unit temperature sensor - TEMP_E102.

Reason for Change

The following errata have been added or updated:
• Corrected affected revisions for POR_E102, UART1_E101, and XOSC_E101.
• Added DAC_E101, TEMP_E102, TIMER_E102 and XOSC_E102.
• Migrated to new errata document format.

Link to errata:
https://www.silabs.com/documents/public/errata/efm8lb1-errata.pdf

Errata titles referenced above (please review the errata document for full details):
POR_E102 – P0.3 Drives Low During Startup
UART1_E101 – Some Data Patterns Cause Inadvertent LIN Break Detection
XOSC_E101 – Crystal Mode in External Oscillator Not Available
DAC_E101 – DAC1 and DAC3 outputs are not updated
TEMP_E102 – Inaccurate Temperature Sensor Calibration
TIMER_E102 – High Byte Overflow Flag and Low Byte Overflow Flag are not cleared
XOSC_E102 – External Oscillator XFCN = 111 Setting Unavailable when XOSCMD = CMOS_DIV_2

Product Identification

This notification includes both standard and customer-specific part numbers. An asterisk * represents a number or letter (one or more) in a customer-specific part number.

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Existing Part #
EFM8LB10F16E-C-QFN24
EFM8LB10F16E-C-QFN24R
EFM8LB10F16E-C-QFN32
EFM8LB10F16E-C-QFN32R
EFM8LB10F16E-C-QFP32
EFM8LB10F16E-C-QFP32R
EFM8LB10F16E-C-QSOP24
EFM8LB10F16E-C-QSOP24R
EFM8LB10F16ES0-C-QFN24
EFM8LB10F16ES0-C-QFN24R
EFM8LB10F16ES0-C-QFN32
EFM8LB10F16ES0-C-QFN32R
EFM8LB10F16ES1-C-QFN24
EFM8LB10F16ES1-C-QFN24R
EFM8LB10F16ES1-C-QFN32
EFM8LB10F16ES1-C-QFN32R
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EFM8LB11F16E-C-QFN32R
EFM8LB11F16E-C-QFP32
EFM8LB11F16E-C-QFP32R
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EFM8LB11F16E-C-QSOP24R
EFM8LB11F16ES0-C-QFN24
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EFM8LB11F16ES0-C-QFN24R
EFM8LB11F16ES0-C-QFN32
EFM8LB11F16ES0-C-QFN32R
EFM8LB11F16ES1-C-QFN24
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EFM8LB12F64ES1-C-QFN32R
EFM8LB12P*F64EM3-C
EFM8LB12P*F64EM3-CR

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.

Please contact your local Silicon Labs sales representative with any questions about this notification. A list of Silicon Labs sales representatives may be found at **http://www.silabs.com.**

Customer Actions Needed:

Review updated errata.

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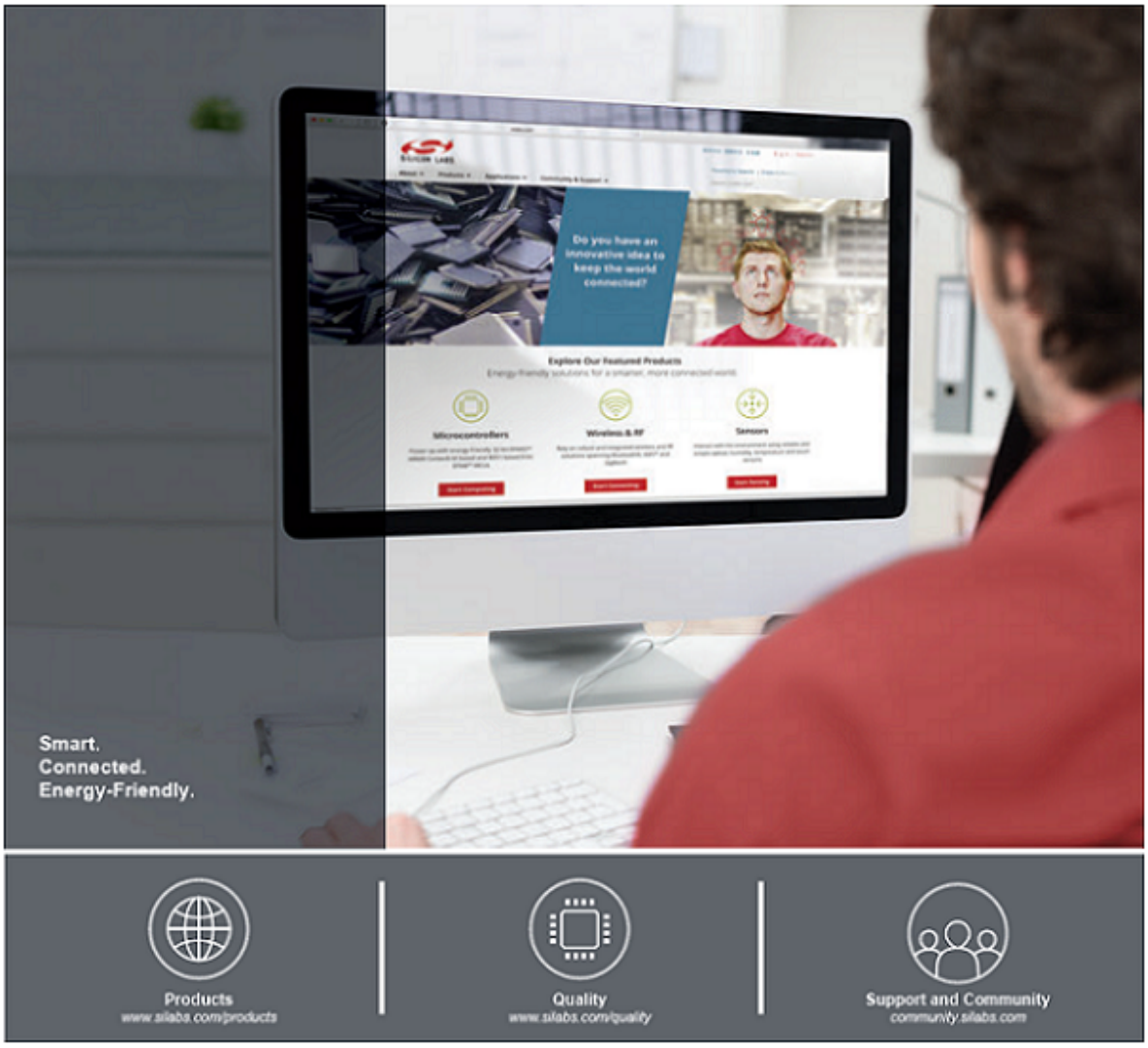

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