



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.

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
EFM8LB11F16E-C-QFN24
EFM8LB11F16E-C-QFN24R
EFM8LB11F16E-C-QFN32
EFM8LB11F16E-C-QFN32R
EFM8LB11F16E-C-QFP32
EFM8LB11F16E-C-QFP32R
EFM8LB11F16E-C-QSOP24
EFM8LB11F16E-C-QSOP24R
EFM8LB11F16ES0-C-QFN24

EFM8LB11F16ES0-C-QFN24R
EFM8LB11F16ES0-C-QFN32
EFM8LB11F16ES0-C-QFN32R
EFM8LB11F16ES1-C-QFN24
EFM8LB11F16ES1-C-QFN24R
EFM8LB11F16ES1-C-QFN32
EFM8LB11F16ES1-C-QFN32R
EFM8LB11F32E-C-QFN24
EFM8LB11F32E-C-QFN24R
EFM8LB11F32E-C-QFN32
EFM8LB11F32E-C-QFN32R
EFM8LB11F32E-C-QFP32
EFM8LB11F32E-C-QFP32R
EFM8LB11F32E-C-QSOP24
EFM8LB11F32E-C-QSOP24R
EFM8LB11F32ES0-C-QFN24
EFM8LB11F32ES0-C-QFN24R
EFM8LB11F32ES0-C-QFN32
EFM8LB11F32ES0-C-QFN32R
EFM8LB11F32ES1-C-QFN24
EFM8LB11F32ES1-C-QFN24R
EFM8LB11F32ES1-C-QFN32
EFM8LB11F32ES1-C-QFN32R
EFM8LB12F32E-C-QFN24
EFM8LB12F32E-C-QFN24R
EFM8LB12F32E-C-QFN32
EFM8LB12F32E-C-QFN32R
EFM8LB12F32E-C-QFP32
EFM8LB12F32E-C-QFP32R
EFM8LB12F32E-C-QSOP24
EFM8LB12F32E-C-QSOP24R
EFM8LB12F32ES0-C-QFN24
EFM8LB12F32ES0-C-QFN24R
EFM8LB12F32ES0-C-QFN32
EFM8LB12F32ES0-C-QFN32R
EFM8LB12F32ES1-C-QFN24
EFM8LB12F32ES1-C-QFN24R
EFM8LB12F32ES1-C-QFN32
EFM8LB12F32ES1-C-QFN32R
EFM8LB12F64E-C-QFN24
EFM8LB12F64E-C-QFN24R
EFM8LB12F64E-C-QFN32
EFM8LB12F64E-C-QFN32R
EFM8LB12F64E-C-QFP32
EFM8LB12F64E-C-QFP32R
EFM8LB12F64E-C-QSOP24
EFM8LB12F64E-C-QSOP24R
EFM8LB12F64ES0-C-QFN24
EFM8LB12F64ES0-C-QFN24R
EFM8LB12F64ES0-C-QFN32
EFM8LB12F64ES0-C-QFN32R
EFM8LB12F64ES1-C-QFN24
EFM8LB12F64ES1-C-QFN24R
EFM8LB12F64ES1-C-QFN32
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.

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Customer Actions Needed:

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

<http://www.silabs.com>