



2303291432 EFR32BG24/MG24 v1.1

Datasheet Release

Bulletin Issue Date: Mar 29, 2023

Effective Date: Mar 29, 2023

Description of Change

Silicon Labs is pleased to announce the release of datasheet v1.1 for EFR32BG24 and EFR32MG24 devices.

The datasheets have been updated to reflect the latest specifications based on characterization of the devices. Please refer to the datasheet revision history for a complete list of changes.

- Clarified that Secure Debug is supported for both Secure Vault Mid and High
- Corrected EM4 Wakeup time TYP value from "21.7 μ s" to "21.7 ms" (typo)
- Updated footnotes to clarify that BLE and Zigbee can use either a 38.4 MHz or 39.0 MHz crystal

Links to datasheets:

EFR32BG24: <https://www.silabs.com/documents/public/data-sheets/efr32bg24-datasheet.pdf>

EFR32MG24: <https://www.silabs.com/documents/public/data-sheets/efr32mg24-datasheet.pdf>

Reason for Change

Datasheet update from v1.0 to v1.1.

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

EFR32BG24A010F1024IM40-B
 EFR32BG24A010F1024IM40-BR
 EFR32BG24A010F1024IM48-B
 EFR32BG24A010F1024IM48-BR
 EFR32BG24A020F1024IM40-B
 EFR32BG24A020F1024IM40-BR
 EFR32BG24A020F1024IM48-B
 EFR32BG24A020F1024IM48-BR
 EFR32BG24B110F1536IM48-B
 EFR32BG24B110F1536IM48-BR
 EFR32BG24B210F1024IM48-B
 EFR32BG24B210F1024IM48-BR
 EFR32BG24B220F1024IM48-B
 EFR32BG24B220F1024IM48-BR
 EFR32MG24A010F1024IM40-B
 EFR32MG24A010F1024IM40-BR
 EFR32MG24A010F1024IM48-B
 EFR32MG24A010F1024IM48-BR
 EFR32MG24A010F1536IM40-B
 EFR32MG24A010F1536IM40-BR
 EFR32MG24A010F1536IM48-B
 EFR32MG24A010F1536IM48-BR
 EFR32MG24A010X*IM40-B
 EFR32MG24A010X*IM40-BR
 EFR32MG24A020F1024IM40-B
 EFR32MG24A020F1024IM40-BR
 EFR32MG24A020F1024IM48-B
 EFR32MG24A020F1024IM48-BR
 EFR32MG24A020F1536IM40-B

EFR32MG24A020F1536IM40-BR
EFR32MG24A020F1536IM48-B
EFR32MG24A020F1536IM48-BR
EFR32MG24A020X*IM40-B
EFR32MG24A020X*IM40-BR
EFR32MG24A021F1024IM40-B
EFR32MG24A021F1024IM40-BR
EFR32MG24A110F1024IM48-B
EFR32MG24A110F1024IM48-BR
EFR32MG24A410F1536IM40-B
EFR32MG24A410F1536IM40-BR
EFR32MG24A410F1536IM48-B
EFR32MG24A410F1536IM48-BR
EFR32MG24A420F1536IM40-B
EFR32MG24A420F1536IM40-BR
EFR32MG24A420F1536IM48-B
EFR32MG24A420F1536IM48-BR
EFR32MG24B010F1024IM48-B
EFR32MG24B010F1024IM48-BR
EFR32MG24B010F1536IM40-B
EFR32MG24B010F1536IM40-BR
EFR32MG24B010F1536IM48-B
EFR32MG24B010F1536IM48-BR
EFR32MG24B010P*IM48-B
EFR32MG24B010P*IM48-BR
EFR32MG24B020F1024IM48-B
EFR32MG24B020F1024IM48-BR
EFR32MG24B020F1536IM40-B
EFR32MG24B020F1536IM40-BR
EFR32MG24B020F1536IM48-B
EFR32MG24B020F1536IM48-BR
EFR32MG24B110F1536IM48-B
EFR32MG24B110F1536IM48-BR
EFR32MG24B120F1536IM48-B
EFR32MG24B120F1536IM48-BR
EFR32MG24B210F1536IM48-B
EFR32MG24B210F1536IM48-BR
EFR32MG24B220F1536IM48-B
EFR32MG24B220F1536IM48-BR
EFR32MG24B310F1536IM48-B
EFR32MG24B310F1536IM48-BR

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 datasheets.

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