



2410301582 EFM32PG22, EFR32BG22(E), MG22(E), EFR32FG23, EFR32xG24 Datasheet Updates

Bulletin Issue Date: Oct 30, 2024

Effective Date: Oct 30, 2024

Description of Change

Silicon Labs is pleased to announce the release of the following datasheet revisions:

- EFM32PG22 v1.4: <https://www.silabs.com/documents/public/data-sheets/efm32pg22-datasheet.pdf>
- EFR32BG22 v1.3: <https://www.silabs.com/documents/public/data-sheets/efr32bg22-datasheet.pdf>
- EFR32MG22 v1.3: <https://www.silabs.com/documents/public/data-sheets/efr32mg22-datasheet.pdf>
- EFR32BG22E v1.1: <https://www.silabs.com/documents/public/data-sheets/efr32bg22e-datasheet.pdf>
- EFR32MG22E v1.1: <https://www.silabs.com/documents/public/data-sheets/efr32mg22e-datasheet.pdf>
- EFR32FG23 v1.3: <https://www.silabs.com/documents/public/data-sheets/efr32fg23-datasheet.pdf>
- EFR32BG24 v1.2: <https://www.silabs.com/documents/public/data-sheets/efr32bg24-datasheet.pdf>
- EFR32MG24 v1.2: <https://www.silabs.com/documents/public/data-sheets/efr32mg24-datasheet.pdf>

AEC-Q100 reports can be retrieved from Product and Company (PaCI) Information Search at <https://ops.silabs.com/rfi/Pages/PartSearch>

Reason for Change

Common notable changes are:

- Added information to front page and key features.
- Added note for AEC-Q100 parts in Table 2.1 Ordering Information.

Additional changes specific to EFR32BG24 and EFR32MG24:

- Added Channel Sounding and updated PRS channels in the Feature list.
- Updated Typical Connections diagrams in the 5.1 Power section to add Channel Sounding note.

Additional changes specific to EFR32BG24:

- Updated firmware size in conditions of 4.23 Boot Timing.

Product Identification

Existing Part #

EFM32PG22C200F128IM40-C
 EFM32PG22C200F128IM40-CR
 EFM32PG22C200F256IM40-C
 EFM32PG22C200F256IM40-CR
 EFM32PG22C200F512IM40-C
 EFM32PG22C200F512IM40-CR
 EFM32PG22C200F64IM40-C
 EFM32PG22C200F64IM40-CR
 EFR32BG22C224F512IM32-C
 EFR32BG22C224F512IM32-CR
 EFR32BG22C224F512IM40-C
 EFR32BG22C224F512IM40-CR
 EFR32BG22C224X1730IM40-C
 EFR32BG22C224X1730IM40-CR
 EFR32BG22C224X1750IM40-C
 EFR32BG22C224X1750IM40-CR
 EFR32BG22E224F512IM32-C
 EFR32BG22E224F512IM32-CR
 EFR32BG22E224F512IM40-C
 EFR32BG22E224F512IM40-CR

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
EFR32FG23B010F512IM40-C
EFR32FG23B010F512IM40-CR
EFR32FG23B010F512IM48-C
EFR32FG23B010F512IM48-CR
EFR32FG23B020F512IM40-C
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EFR32MG22E224F512IM32-C
EFR32MG22E224F512IM32-CR
EFR32MG22E224F512IM40-C
EFR32MG22E224F512IM40-CR
EFR32MG24A010F1024IM40-B
EFR32MG24A010F1024IM40-BR
EFR32MG24A010F1024IM48-B
EFR32MG24A010F1024IM48-BR
EFR32MG24A010F1536IM40-B
EFR32MG24A010F1536IM40-BR
EFR32MG24A010F1536IM48-B
EFR32MG24A010F1536IM48-BR
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EFR32MG24A020F1024IM40-BR
EFR32MG24A020F1024IM48-B
EFR32MG24A020F1024IM48-BR
EFR32MG24A020F1536IM40-B
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EFR32MG24B210PZ099IM48-B
EFR32MG24B210PZ099IM48-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.

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