



2206211273 EFR32xG13 Datasheet Release v1.7

PCN Issue Date: Jun 21, 2022

Effective Date: Sep 27, 2022

PCN Type: Datasheet

Description of Change

Silicon Labs is pleased to announce the release of datasheet version 1.7 for EFR32BG/FG/MG13 devices.

Notable changes from previous revisions are:

- Updated 3.6.3 Real Time Counter and Calendar (RTCC) to remove AUXHFRCO as a clock source.
- Added timing specifications for RESETn low time and clarified VIL and VIH logic levels for RESETn pins in Table 4.45 General-Purpose I/O (GPIO) on page 89.
- Removed BIASPROG = 1, FULLBIAS = 0 specifications from Table 4.48 Analog Comparator (ACMP) on page 94.
- Added a note to Table 7.2 QFN48 PCB Land Pattern Dimensions on page 183 and Table 8.2 RQFN32 PCB Land Pattern Dimensions on page 188.
- Removed all references to RFSENSE.
- Removed references to BOOT_TX and BOOT_RX.

Reason for Change

Improve our production capability.

Impact on Form, Fit, Function, Quality, Reliability

There is no change in form, fit, quality and reliability. Functionality impacted as listed in change description.

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 #
EFR32BG13P532F512GM32-D
EFR32BG13P532F512GM32-DR
EFR32BG13P532F512GM48-D
EFR32BG13P532F512GM48-DR
EFR32BG13P632F512GM32-D
EFR32BG13P632F512GM32-DR
EFR32BG13P632F512GM48-D
EFR32BG13P632F512GM48-DR
EFR32BG13P632F512IM32-D
EFR32BG13P632F512IM32-DR
EFR32BG13P632F512IM48-D
EFR32BG13P632F512IM48-DR
EFR32BG13P732F512GM32-D
EFR32BG13P732F512GM32-DR
EFR32BG13P732F512GM48-D
EFR32BG13P732F512GM48-DR
EFR32BG13P733F512GM48-D
EFR32BG13P733F512GM48-DR
EFR32BG13P632M****GM48-D
EFR32BG13P632M****GM48-DR
EFR32FG13P231F512GM32-D
EFR32FG13P231F512GM32-DR
EFR32FG13P231F512GM48-D

EFR32FG13P231F512GM48-DR
EFR32FG13P231F512IM32-D
EFR32FG13P231F512IM32-DR
EFR32FG13P231F512IM48-D
EFR32FG13P231F512IM48-DR
EFR32FG13P232F512GM32-D
EFR32FG13P232F512GM32-DR
EFR32FG13P232F512GM48-D
EFR32FG13P232F512GM48-DR
EFR32FG13P233F512GM48-D
EFR32FG13P233F512GM48-DR
EFR32FG13P233F512GM48-DR
EFR32FG13P231C****GM48-D
EFR32FG13P231C****GM48-DR
EFR32MG13P632F512GM32-D
EFR32MG13P632F512GM32-DR
EFR32MG13P632F512GM48-D
EFR32MG13P632F512GM48-DR
EFR32MG13P732F512GM32-D
EFR32MG13P732F512GM32-DR
EFR32MG13P732F512GM48-D
EFR32MG13P732F512GM48-DR
EFR32MG13P732F512IM32-D
EFR32MG13P732F512IM32-DR
EFR32MG13P732F512IM48-D
EFR32MG13P732F512IM48-DR
EFR32MG13P733F512GM48-D
EFR32MG13P733F512GM48-DR
EFR32MG13P733F512IM48-D
EFR32MG13P733F512IM48-DR
EFR32MG13P632M****GM48-D
EFR32MG13P632M****GM48-DR
EFR32MG13P632P****GM48-D
EFR32MG13P632P****GM48-DR
EFR32MG13P632X****GM48-D
EFR32MG13P632X****GM48-DR
EFR32MG13P732P****GM48-D
EFR32MG13P732P****GM48-DR

Last Date of Unchanged Product: Sep 27, 2022

Qualification Samples

NA

Customer Response

Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change, Ref. JEDEC-J-STD-046.

To request further data or inquire about this notification, please contact your Silicon Labs sales representative. A list of Silicon Labs sales representatives is available at <http://www.silabs.com>.

Customers may approve early PCN acceptance by emailing approval, along with PCN # to PCNEarlyAcceptance@silabs.com

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Qualification Data

NA



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