



# 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>.

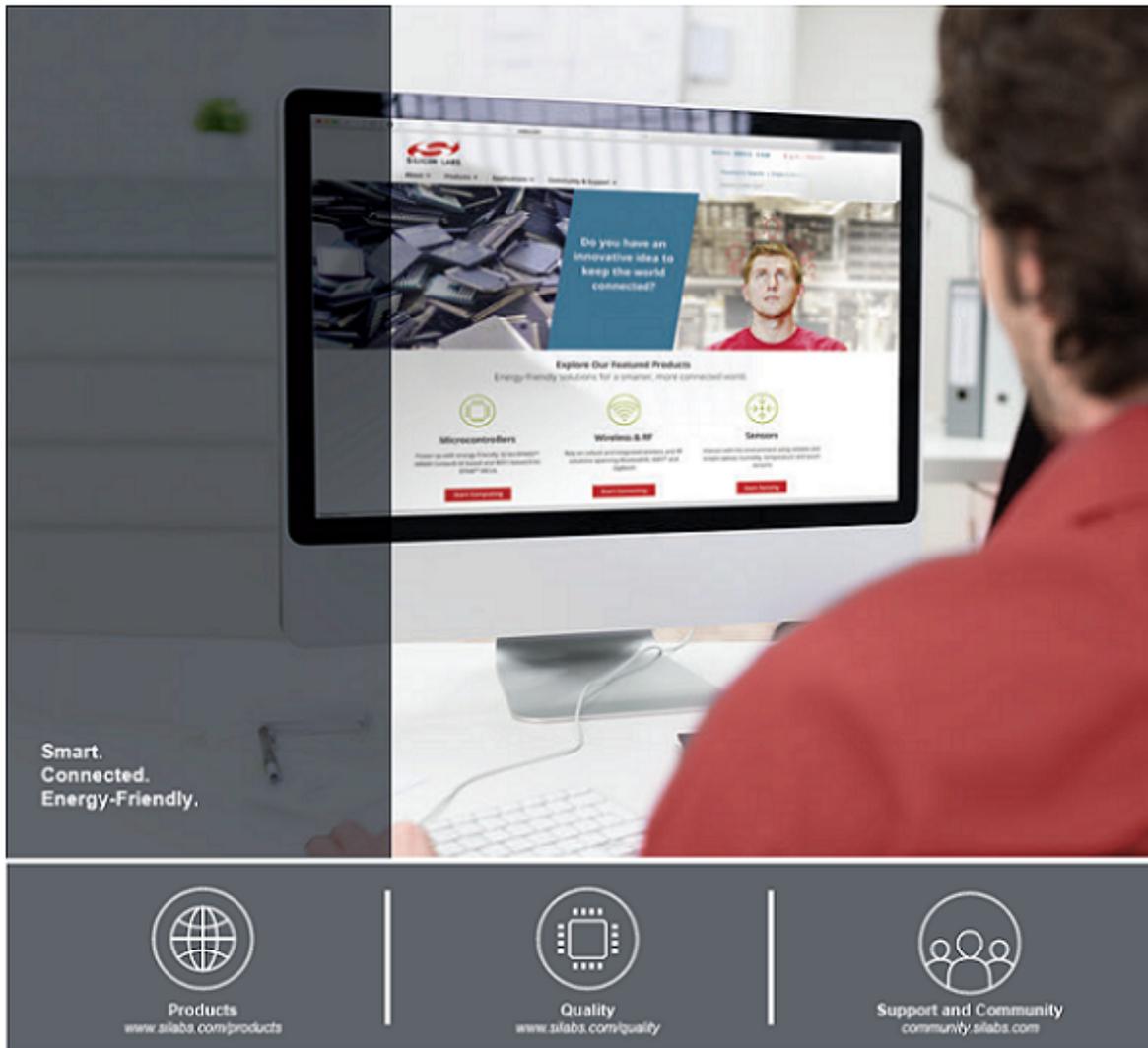
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### Qualification Data

NA



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

<http://www.silabs.com>