



2306151463 EFM32GG v2.1 Datasheet Release

Bulletin Issue Date: Jun 15, 2023

Effective Date: Jun 15, 2023

Description of Change

Silicon Labs is pleased to announce the release of datasheet v2.1 for EFM32GG devices.

Summary of the changes (please refer to the datasheet revision history for a complete list of changes):

- Added SysTick System Timer to 1. Feature List.
- Added EOL note to Full Wafer package in 1. Feature List and 2. Ordering Information
- Added junction temperature range to 4.2 Absolute Maximum Ratings
- Added 4.4 Backup Supply Domain.
- Updated ADC input ON resistance (RADCIN) in 4.11 Analog Digital Converter (ADC).
- 4.12 Digital Analog Converter (DAC) - Added max load current specification.
- 10.2 QFN64 PCB Layout - Corrected pin number for symbol P9.
- Removed PB11 as the 1st alternate location of I2C1_SDA in Alternate Functionality Overview tables for EFM32GG232, EFM32GG332, EFM32GG842 and EFM32GG942.

Link to datasheet: <https://www.silabs.com/documents/public/data-sheets/efm32gg-datasheet.pdf>

Reason for Change

Datasheet update from v2.0 to v2.1

Product Identification

Existing Part

EFM32GG230F512G-E-QFN64
EFM32GG230F512G-E-QFN64R
EFM32GG230F1024G-E-QFN64
EFM32GG230F1024G-E-QFN64R
EFM32GG232F512G-E-QFP64
EFM32GG232F512G-E-QFP64R
EFM32GG232F1024G-E-QFP64
EFM32GG232F1024G-E-QFP64R
EFM32GG280F512G-E-QFP100
EFM32GG280F512G-E-QFP100R
EFM32GG280F1024G-E-QFP100
EFM32GG280F1024G-E-QFP100R
EFM32GG290F512G-E-BGA112
EFM32GG290F512G-E-BGA112R
EFM32GG290F1024G-E-BGA112
EFM32GG290F1024G-E-BGA112R
EFM32GG295F512G-E-BGA120
EFM32GG295F512G-E-BGA120R
EFM32GG295F1024G-E-BGA120
EFM32GG295F1024G-E-BGA120R
EFM32GG330F512G-E-QFN64
EFM32GG330F512G-E-QFN64R
EFM32GG330F1024G-E-QFN64
EFM32GG330F1024G-E-QFN64R
EFM32GG332F512G-E-QFP64
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 EFM32GG940F512G-E-QFN64R
 EFM32GG940F1024G-E-QFN64
 EFM32GG940F1024G-E-QFN64R
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 EFM32GG942F1024G-E-QFP64
 EFM32GG942F1024G-E-QFP64R
 EFM32GG980F512G-E-QFP100
 EFM32GG980F512G-E-QFP100R
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 EFM32GG980F1024G-E-QFP100R
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 EFM32GG990F512G-E-BGA112R
 EFM32GG990F1024G-E-BGA112
 EFM32GG990F1024G-E-BGA112R
 EFM32GG995F512G-E-BGA120
 EFM32GG995F512G-E-BGA120R
 EFM32GG995F1024G-E-BGA120
 EFM32GG995F1024G-E-BGA120R

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.

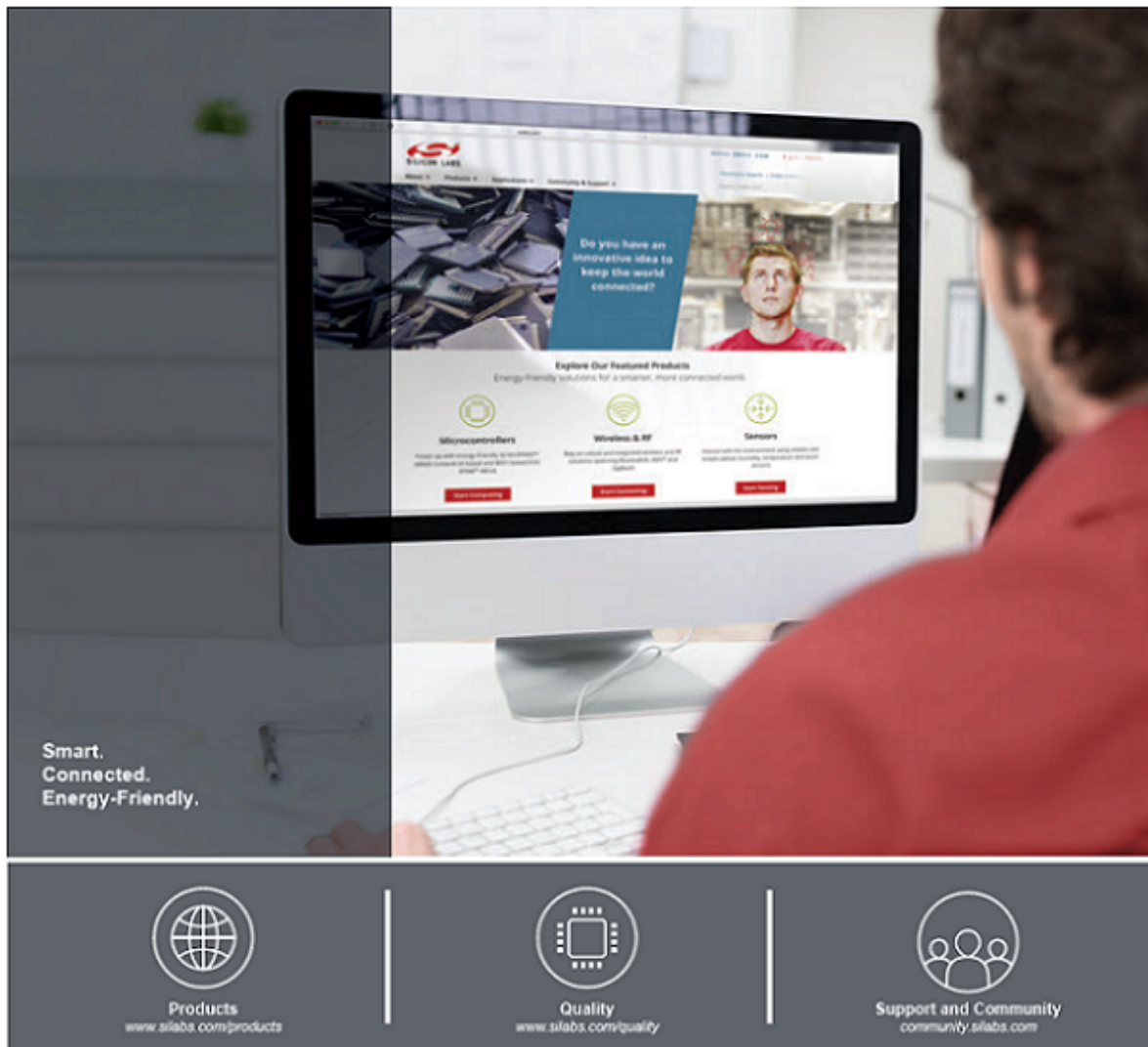
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