



2305311462 Ordering Guide Updates to EFM32LG and EFM32GG11 Datasheets

Bulletin Issue Date: May 31, 2023

Effective Date: May 31, 2023

Description of Change

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

- EFM32LG - v2.41
 - Updated Ordering Information table to note obsolete CSP81 package parts (128/64 kB flash).
 - Link to datasheet: <https://www.silabs.com/documents/public/data-sheets/efm32lg-datasheet.pdf>
- EFM32GG11 - v1.2
 - Removed "Not Recommended for New Designs" note from BGA152 package in Ordering Information table.
 - Link to datasheet: <https://www.silabs.com/documents/public/data-sheets/efm32gg11-datasheet.pdf>

Reason for Change

Ordering guide updates to datasheets.

Product Identification

Existing Part #
EFM32LG230C1619F256G-F
EFM32LG230C1619F256G-FR
EFM32LG230F64G-F-QFN64
EFM32LG230F64G-F-QFN64R
EFM32LG230F128G-F-QFN64
EFM32LG230F128G-F-QFN64R
EFM32LG230F256G-F-QFN64
EFM32LG230F256G-F-QFN64R
EFM32LG232F64G-F-QFP64
EFM32LG232F64G-F-QFP64R
EFM32LG232F128G-F-QFP64
EFM32LG232F128G-F-QFP64R
EFM32LG232F256G-F-QFP64
EFM32LG232F256G-F-QFP64R
EFM32LG280F64G-F-QFP100
EFM32LG280F64G-F-QFP100R
EFM32LG280F128G-F-QFP100
EFM32LG280F128G-F-QFP100R
EFM32LG280F256G-F-QFP100
EFM32LG280F256G-F-QFP100R
EFM32LG290F64G-F-BGA112
EFM32LG290F64G-F-BGA112R
EFM32LG290F128G-F-BGA112
EFM32LG290F128G-F-BGA112R
EFM32LG290F256G-F-BGA112
EFM32LG290F256G-F-BGA112R
EFM32LG295F64G-F-BGA120
EFM32LG295F64G-F-BGA120R
EFM32LG295F128G-F-BGA120
EFM32LG295F128G-F-BGA120R
EFM32LG295F256G-F-BGA120
EFM32LG295F256G-F-BGA120R
EFM32LG330F64G-F-QFN64
EFM32LG330F64G-F-QFN64R

EFM32LG330F128G-F-QFN64
EFM32LG330F128G-F-QFN64R
EFM32LG330F256G-F-QFN64
EFM32LG330F256G-F-QFN64R
EFM32LG332F64G-F-QFP64
EFM32LG332F64G-F-QFP64R
EFM32LG332F128G-F-QFP64
EFM32LG332F128G-F-QFP64R
EFM32LG332F256G-F-QFP64
EFM32LG332F256G-F-QFP64R
EFM32LG360F256G-F-CSP81
EFM32LG360F256G-F-CSP81R
EFM32LG380F64G-F-QFP100
EFM32LG380F64G-F-QFP100R
EFM32LG380F128G-F-QFP100
EFM32LG380F128G-F-QFP100R
EFM32LG380F256G-F-QFP100
EFM32LG380F256G-F-QFP100R
EFM32LG390F64G-F-BGA112
EFM32LG390F64G-F-BGA112R
EFM32LG390F128G-F-BGA112
EFM32LG390F128G-F-BGA112R
EFM32LG390F256G-F-BGA112
EFM32LG390F256G-F-BGA112R
EFM32LG395F64G-F-BGA120
EFM32LG395F64G-F-BGA120R
EFM32LG395F128G-F-BGA120
EFM32LG395F128G-F-BGA120R
EFM32LG395F256G-F-BGA120
EFM32LG395F256G-F-BGA120R
EFM32LG840F64G-F-QFN64
EFM32LG840F64G-F-QFN64R
EFM32LG840F128G-F-QFN64
EFM32LG840F128G-F-QFN64R
EFM32LG840F256G-F-QFN64
EFM32LG840F256G-F-QFN64R
EFM32LG842F64G-F-QFP64
EFM32LG842F64G-F-QFP64R
EFM32LG842F128G-F-QFP64
EFM32LG842F128G-F-QFP64R
EFM32LG842F256G-F-QFP64
EFM32LG842F256G-F-QFP64R
EFM32LG880F64G-F-QFP100
EFM32LG880F64G-F-QFP100R
EFM32LG880F128G-F-QFP100
EFM32LG880F128G-F-QFP100R
EFM32LG880F256G-F-QFP100
EFM32LG880F256G-F-QFP100R
EFM32LG890F64G-F-BGA112
EFM32LG890F64G-F-BGA112R
EFM32LG890F128G-F-BGA112
EFM32LG890F128G-F-BGA112R
EFM32LG890F256G-F-BGA112
EFM32LG890F256G-F-BGA112R
EFM32LG895F64G-F-BGA120
EFM32LG895F64G-F-BGA120R
EFM32LG895F128G-F-BGA120
EFM32LG895F128G-F-BGA120R
EFM32LG895F256G-F-BGA120
EFM32LG895F256G-F-BGA120R
EFM32LG900F256G-F-D1I
EFM32LG940F64G-F-QFN64
EFM32LG940F64G-F-QFN64R
EFM32LG940F128G-F-QFN64
EFM32LG940F128G-F-QFN64R
EFM32LG940F256G-F-QFN64
EFM32LG940F256G-F-QFN64R

EFM32LG942F64G-F-QFP64
EFM32LG942F64G-F-QFP64R
EFM32LG942F128G-F-QFP64
EFM32LG942F128G-F-QFP64R
EFM32LG942F256G-F-QFP64
EFM32LG942F256G-F-QFP64R
EFM32LG980F64G-F-QFP100
EFM32LG980F64G-F-QFP100R
EFM32LG980F128G-F-QFP100
EFM32LG980F128G-F-QFP100R
EFM32LG980F256G-F-QFP100
EFM32LG980F256G-F-QFP100R
EFM32LG990F64G-F-BGA112
EFM32LG990F64G-F-BGA112R
EFM32LG990F128G-F-BGA112
EFM32LG990F128G-F-BGA112R
EFM32LG990F256G-F-BGA112
EFM32LG990F256G-F-BGA112R
EFM32LG995F64G-F-BGA120
EFM32LG995F64G-F-BGA120R
EFM32LG995F128G-F-BGA120
EFM32LG995F128G-F-BGA120R
EFM32LG995F256G-F-BGA120
EFM32LG995F256G-F-BGA120R
EFM32GG11B110F2048GM64-B
EFM32GG11B110F2048GM64-BR
EFM32GG11B110F2048GQ64-B
EFM32GG11B110F2048GQ64-BR
EFM32GG11B110F2048IM64-B
EFM32GG11B110F2048IM64-BR
EFM32GG11B110F2048IQ64-B
EFM32GG11B110F2048IQ64-BR
EFM32GG11B120F2048GM64-B
EFM32GG11B120F2048GM64-BR
EFM32GG11B120F2048GQ64-B
EFM32GG11B120F2048GQ64-BR
EFM32GG11B120F2048IM64-B
EFM32GG11B120F2048IM64-BR
EFM32GG11B120F2048IQ64-B
EFM32GG11B120F2048IQ64-BR
EFM32GG11B310F2048GL112-B
EFM32GG11B310F2048GL112-BR
EFM32GG11B310F2048GQ100-B
EFM32GG11B310F2048GQ100-BR
EFM32GG11B320F2048GL112-B
EFM32GG11B320F2048GL112-BR
EFM32GG11B320F2048GQ100-B
EFM32GG11B320F2048GQ100-BR
EFM32GG11B390F2048GQ100-B
EFM32GG11B390F2048GQ100-BR
EFM32GG11B420F2048GL112-B
EFM32GG11B420F2048GL112-BR
EFM32GG11B420F2048GL120-B
EFM32GG11B420F2048GL120-BR
EFM32GG11B420F2048GM64-B
EFM32GG11B420F2048GM64-BR
EFM32GG11B420F2048GQ64-B
EFM32GG11B420F2048GQ64-BR
EFM32GG11B420F2048GQ100-B
EFM32GG11B420F2048GQ100-BR
EFM32GG11B420F2048IL112-B
EFM32GG11B420F2048IL112-BR
EFM32GG11B420F2048IL120-B
EFM32GG11B420F2048IL120-BR
EFM32GG11B420F2048IM64-B
EFM32GG11B420F2048IM64-BR
EFM32GG11B420F2048IQ64-B

EFM32GG11B420F2048IQ64-BR
EFM32GG11B420F2048IQ100-B
EFM32GG11B420F2048IQ100-BR
EFM32GG11B420S1495GM64-B
EFM32GG11B420S1495GM64-BR
EFM32GG11B510F2048GL120-B
EFM32GG11B510F2048GL120-BR
EFM32GG11B510F2048GM64-B
EFM32GG11B510F2048GM64-BR
EFM32GG11B510F2048GQ64-B
EFM32GG11B510F2048GQ64-BR
EFM32GG11B510F2048GQ100-B
EFM32GG11B510F2048GQ100-BR
EFM32GG11B510F2048IL120-B
EFM32GG11B510F2048IL120-BR
EFM32GG11B510F2048IM64-B
EFM32GG11B510F2048IM64-BR
EFM32GG11B510F2048IQ64-B
EFM32GG11B510F2048IQ64-BR
EFM32GG11B510F2048IQ100-B
EFM32GG11B510F2048IQ100-BR
EFM32GG11B520F2048GL120-B
EFM32GG11B520F2048GL120-BR
EFM32GG11B520F2048GM64-B
EFM32GG11B520F2048GM64-BR
EFM32GG11B520F2048GQ64-B
EFM32GG11B520F2048GQ64-BR
EFM32GG11B520F2048GQ100-B
EFM32GG11B520F2048GQ100-BR
EFM32GG11B520F2048IL120-B
EFM32GG11B520F2048IL120-BR
EFM32GG11B520F2048IM64-B
EFM32GG11B520F2048IM64-BR
EFM32GG11B520F2048IQ64-B
EFM32GG11B520F2048IQ64-BR
EFM32GG11B520F2048IQ100-B
EFM32GG11B520F2048IQ100-BR
EFM32GG11B590F2048GQ100-B
EFM32GG11B590F2048GQ100-BR
EFM32GG11B820F2048GL120-B
EFM32GG11B820F2048GL120-BR
EFM32GG11B820F2048GL152-B
EFM32GG11B820F2048GL152-BR
EFM32GG11B820F2048GL192-B
EFM32GG11B820F2048GL192-BR
EFM32GG11B820F2048GM64-B
EFM32GG11B820F2048GM64-BR
EFM32GG11B820F2048GQ64-B
EFM32GG11B820F2048GQ64-BR
EFM32GG11B820F2048GQ100-B
EFM32GG11B820F2048GQ100-BR
EFM32GG11B820F2048IL120-B
EFM32GG11B820F2048IL120-BR
EFM32GG11B820F2048IL152-B
EFM32GG11B820F2048IL152-BR
EFM32GG11B820F2048IM64-B
EFM32GG11B820F2048IM64-BR
EFM32GG11B820F2048IQ64-B
EFM32GG11B820F2048IQ64-BR
EFM32GG11B820F2048IQ100-B
EFM32GG11B820F2048IQ100-BR
EFM32GG11B820S1666GQ00-B
EFM32GG11B820S1666GQ00-BR
EFM32GG11B840F1024GL120-B
EFM32GG11B840F1024GL120-BR
EFM32GG11B840F1024GL152-B
EFM32GG11B840F1024GL152-BR

EFM32GG11B840F1024GL192-B
EFM32GG11B840F1024GL192-BR
EFM32GG11B840F1024GM64-B
EFM32GG11B840F1024GM64-BR
EFM32GG11B840F1024GQ64-B
EFM32GG11B840F1024GQ64-BR
EFM32GG11B840F1024GQ100-B
EFM32GG11B840F1024GQ100-BR
EFM32GG11B840F1024IL120-B
EFM32GG11B840F1024IL120-BR
EFM32GG11B840F1024IL152-B
EFM32GG11B840F1024IL152-BR
EFM32GG11B840F1024IM64-B
EFM32GG11B840F1024IM64-BR
EFM32GG11B840F1024IQ64-B
EFM32GG11B840F1024IQ64-BR
EFM32GG11B840F1024IQ100-B
EFM32GG11B840F1024IQ100-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.

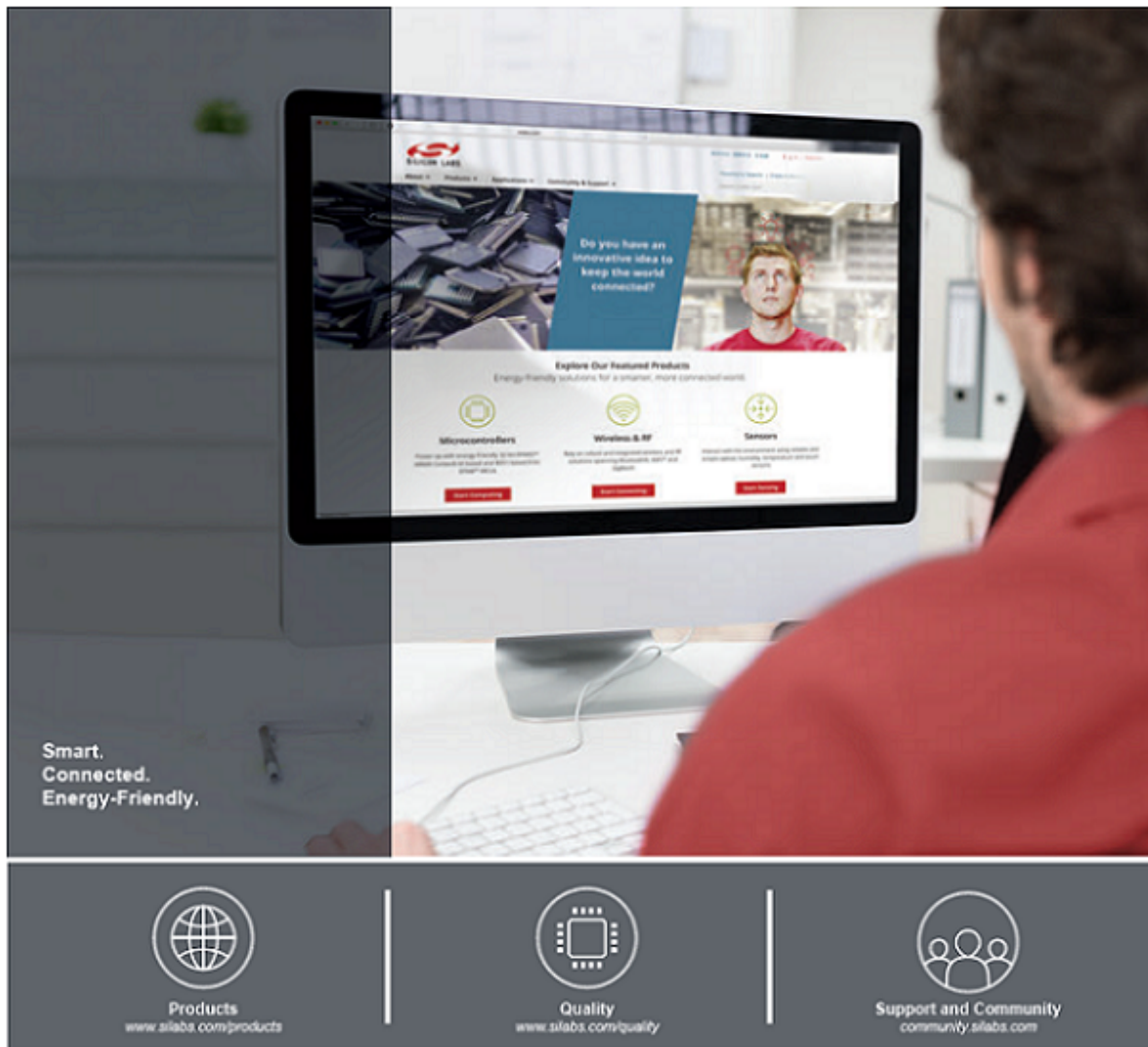
Please contact your local Silicon Labs sales representative with any questions about this notification. A list of Silicon Labs sales representatives may be found at <http://www.silabs.com>.

Customer Actions Needed:

Review updated datasheets.

User Registration

Register today to create your account on Silabs.com. Your personalized profile allows you to receive technical document updates, new product announcements, "how-to" and design documents, product change notices (PCN) and other valuable content available only to registered users. <http://www.silabs.com/profile>



Disclaimer

Silicon Labs intends to provide customers with the latest, accurate, and in-depth documentation of all peripherals and modules available for system and software implementers using or intending to use the Silicon Labs products. Characterization data, available modules and peripherals, memory sizes and memory addresses refer to each specific device, and "Typical" parameters provided can and do vary in different applications. Application examples described herein are for illustrative purposes only. Silicon Labs reserves the right to make changes without further notice and limitation to product information, specifications, and descriptions herein, and does not give warranties as to the accuracy or completeness of the included information. Silicon Labs shall have no liability for the consequences of use of the information supplied herein. This document does not imply or express copyright licenses granted hereunder to design or fabricate any integrated circuits. The products are not designed or authorized to be used within any Life Support System without the specific written consent of Silicon Labs. A "Life Support System" is any product or system intended to support or sustain life and/or health, which, if it fails, can be reasonably expected to result in significant personal injury or death. Silicon Labs products are not designed or authorized for military applications. Silicon Labs products shall under no circumstances be used in weapons of mass destruction including (but not limited to) nuclear, biological or chemical weapons, or missiles capable of delivering such weapons.

Trademark Information

Silicon Laboratories Inc.®, Silicon Laboratories®, Silicon Labs®, SiLabs® and the Silicon Labs logo®, Bluegiga®, Bluegiga Logo®, Clockbuilder®, CMEMS®, DSPLL®, EFM®, EFM32®, EFR, Ember®, Energy Micro, Energy Micro logo and combinations thereof, "the world's most energy friendly microcontrollers", Ember®, EZLink®, EZRadio®, EZRadioPRO®, Gecko®, ISOModem®, Micrium, Precision32®, ProSLIC®, Simplicity Studio®, SiPHY®, Telegesis, the Telegesis Logo®, USBXpress®, Zentri and others are trademarks or registered trademarks of Silicon Labs. ARM, CORTEX, Cortex-M3 and THUMB are trademarks or registered trademarks of ARM Holdings. Keil is a registered trademark of ARM Limited. All other products or brand names mentioned herein are trademarks of their respective holders.



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

<http://www.silabs.com>