



# 190207462 EFM32GG12 Data Sheet v0.6 Release

**Bulletin Issue Date:** 2/7/2019

**Effective Date:** 2/7/2019

## Description of Change

Silicon Labs has released v0.6 data sheet for the EFM32 Giant Gecko 12 family. Changes include:

- Added production OPNs to Table 2.1 "Ordering Information" for I-grade BGA112 devices
- Updated notes in Section 4.1 for better clarity
- In Section 5, clarified that DECOUPLE cannot be used to power external devices
- Reordered GPIO Table 5.20 for better readability

## Reason for Change

Added specification clarification and missing part numbers to the data sheet.

## Product Identification

Existing Part #

EFM32GG12B810F1024GL120-A  
EFM32GG12B810F1024GL112-A  
EFM32GG12B810F1024GQ100-A  
EFM32GG12B810F1024GQ64-A  
EFM32GG12B810F1024GM64-A  
EFM32GG12B810F1024IL120-A  
EFM32GG12B810F1024IL112-A  
EFM32GG12B810F1024IQ100-A  
EFM32GG12B810F1024IQ64-A  
EFM32GG12B810F1024IM64-A  
EFM32GG12B510F1024GL120-A  
EFM32GG12B510F1024GQ100-A  
EFM32GG12B510F1024GQ64-A  
EFM32GG12B510F1024GM64-A  
EFM32GG12B510F1024IL120-A  
EFM32GG12B510F1024IQ100-A  
EFM32GG12B510F1024IQ64-A  
EFM32GG12B510F1024IM64-A  
EFM32GG12B410F1024GL120-A  
EFM32GG12B410F1024GL112-A  
EFM32GG12B410F1024GQ100-A  
EFM32GG12B410F1024GQ64-A  
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EFM32GG12B410F1024IL112-A  
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EFM32GG12B410F1024IQ64-A  
EFM32GG12B410F1024IM64-A  
EFM32GG12B310F1024GL112-A  
EFM32GG12B310F1024GQ100-A  
EFM32GG12B110F1024GQ64-A  
EFM32GG12B110F1024GM64-A  
EFM32GG12B110F1024IQ64-A  
EFM32GG12B110F1024IM64-A  
EFM32GG12B830F512GL120-A  
EFM32GG12B830F512GL112-A  
EFM32GG12B830F512GQ100-A

EFM32GG12B830F512GQ64-A  
EFM32GG12B830F512GM64-A  
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EFM32GG12B830F512IL112-A  
EFM32GG12B830F512IQ100-A  
EFM32GG12B830F512IQ64-A  
EFM32GG12B830F512IM64-A  
EFM32GG12B530F512GL120-A  
EFM32GG12B530F512GQ100-A  
EFM32GG12B530F512GQ64-A  
EFM32GG12B530F512GM64-A  
EFM32GG12B530F512IL120-A  
EFM32GG12B530F512IQ100-A  
EFM32GG12B530F512IQ64-A  
EFM32GG12B530F512IM64-A  
EFM32GG12B430F512GL120-A  
EFM32GG12B430F512GL112-A  
EFM32GG12B430F512GQ100-A  
EFM32GG12B430F512GQ64-A  
EFM32GG12B430F512GM64-A  
EFM32GG12B430F512IL120-A  
EFM32GG12B430F512IL112-A  
EFM32GG12B430F512IQ100-A  
EFM32GG12B430F512IQ64-A  
EFM32GG12B430F512IM64-A  
EFM32GG12B330F512GL112-A  
EFM32GG12B330F512GQ100-A  
EFM32GG12B130F512GQ64-A  
EFM32GG12B130F512GM64-A  
EFM32GG12B130F512IQ64-A  
EFM32GG12B130F512IM64-A  
EFM32GG12B510F1024GL112-A  
EFM32GG12B510F1024IL112-A  
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EFM32GG12B530F512IL112-A  
EFM32GG12B3XXFXXXGL112-A  
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EFM32GG12B810F1024GQ100-AR  
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 EFM32GG12B130F512GM64-AR  
 EFM32GG12B130F512IQ64-AR  
 EFM32GG12B130F512IM64-AR  
 EFM32GG12B510F1024GL112-AR  
 EFM32GG12B510F1024IL112-AR  
 EFM32GG12B530F512GL112-AR  
 EFM32GG12B530F512IL112-AR  
 EFM32GG12B3XXFXXXGL112-AR  
 \*"X" denotes custom identifier.

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.

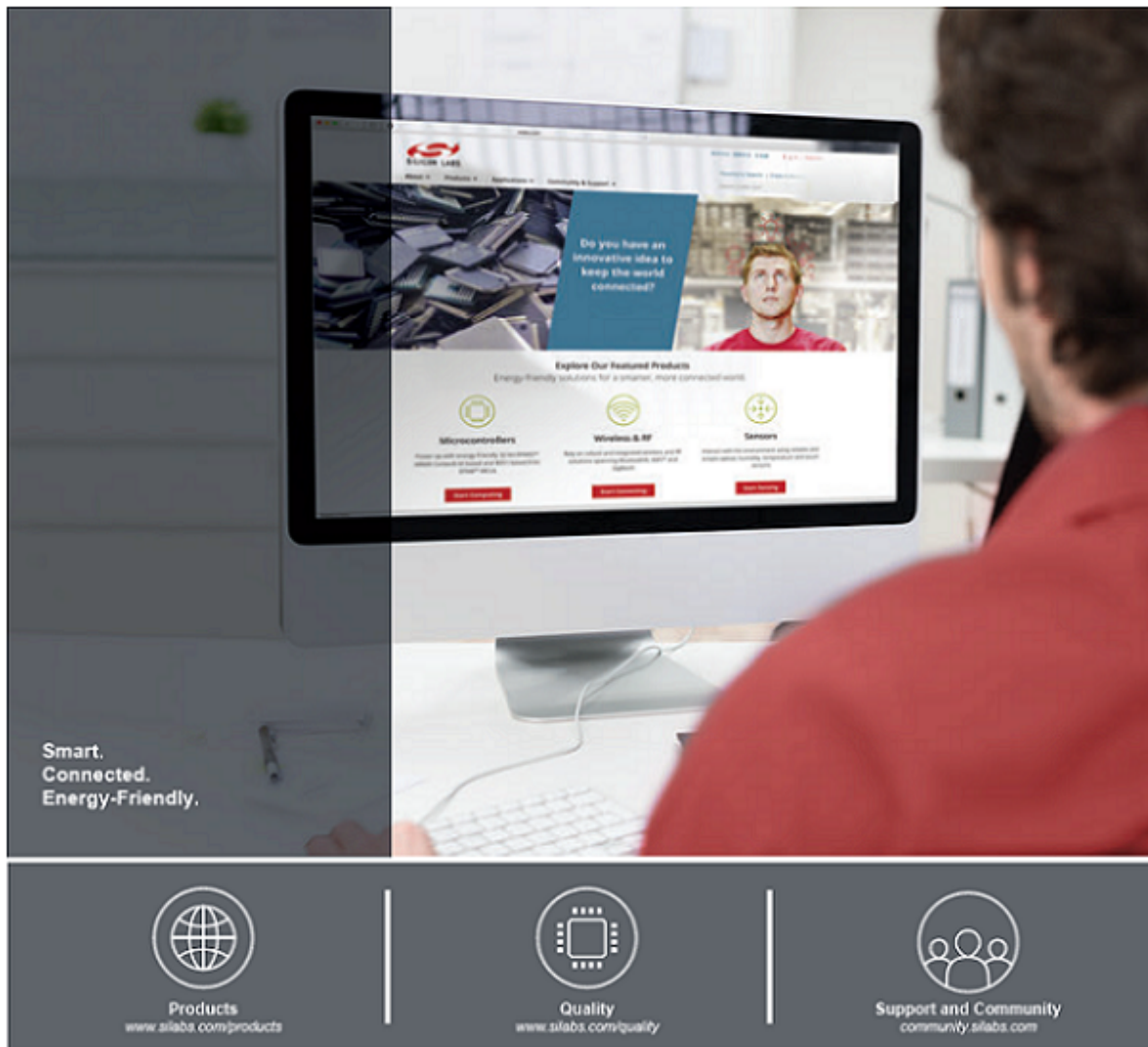
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