



# 200505772 EFM32GG11 Errata Version 0.5 Release

**Bulletin Issue Date:** 5/5/2020

**Effective Date:** 5/5/2020

## Description of Change

Silicon Labs is pleased to announce the release of version 0.5 of the EFM32GG11 Errata. This update adds multiple errata items that are listed below and whose details can be found in the updated errata. This update also adds errata item EMU\_E220 whose details can be found in the change reason and impact sections.

There is no change to form, fit, quality or reliability. Function is impacted as described below:

When exiting energy mode 2 (EM2) or energy mode 3 (EM3) there will now be a 2.7us increase in the wake up time. This will be implemented in GSDK Version 2.7.4.0 and beyond by updating EMLIB. The impacted functions are EMU\_EnterEM2() and EMU\_EnterEM3() in em\_emu.c as well as CHIP\_Init() in em\_chip.h.

Please contact your local Silicon Labs representative for further information.

## Reason for Change

Errata item EMU\_E220: Infrequently, when waking from energy mode 2 (EM2) or energy mode 3 (EM3), if using voltage scaling the device will experience a decouple voltage brownout (DECBO) reset. To prevent this from happening the wake up sequence when exiting EM2 and EM3 when using voltage scaling has been updated.

Other added errata item whose details can be found in the new errata version are:

LES\_E201  
Timer\_E202  
USART\_E204  
USART\_E205  
WTIMER\_E201  
USB\_E203  
USB\_E204

## Product Identification

Existing Part #  
EFM32GG11B110F2048GM64-A  
EFM32GG11B110F2048GM64-AR  
EFM32GG11B110F2048GM64-B  
EFM32GG11B110F2048GM64-BR  
EFM32GG11B110F2048GQ64-A  
EFM32GG11B110F2048GQ64-AR  
EFM32GG11B110F2048GQ64-B  
EFM32GG11B110F2048GQ64-BR  
EFM32GG11B110F2048IM64-A  
EFM32GG11B110F2048IM64-AR  
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Where X denotes a custom part number.

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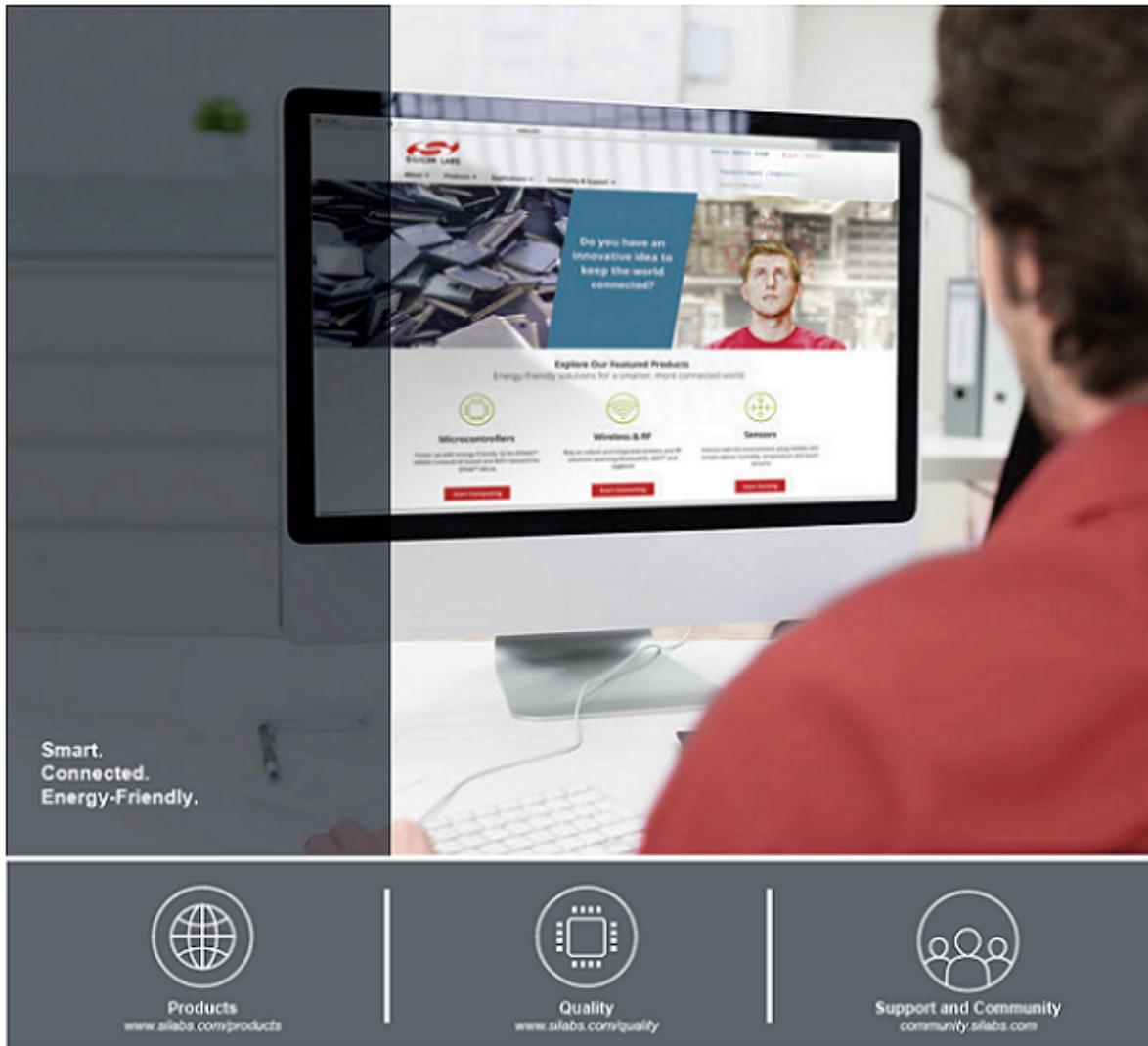
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