



200505773 EFM32GG12 Errata Version 0.2 Release / EFM32TG11 Errata Version 0.4 Release

Bulletin Issue Date: 5/5/2020

Effective Date: 5/5/2020

Description of Change

Silicon Labs is pleased to announce the release of following errata versions for EFM32GG12 and EFM32TG11 devices. These updates add multiple errata items that are listed below and whose details can be found in the updated errata. These updates also add errata item EMU_E220 whose details can be found in the change reason and impact sections.

Release of Version 0.2 of the EFM32GG12 Errata

Release of Version 0.4 of the EFM32TG11 Errata

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 (DECBOD) 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_E205

WTIMER_E201

Product Identification

Existing Part #
EFM32GG12B110F1024GM64-A
EFM32GG12B110F1024GM64-AR
EFM32GG12B110F1024GQ64-A
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Where 'X' denotes a custom part number.

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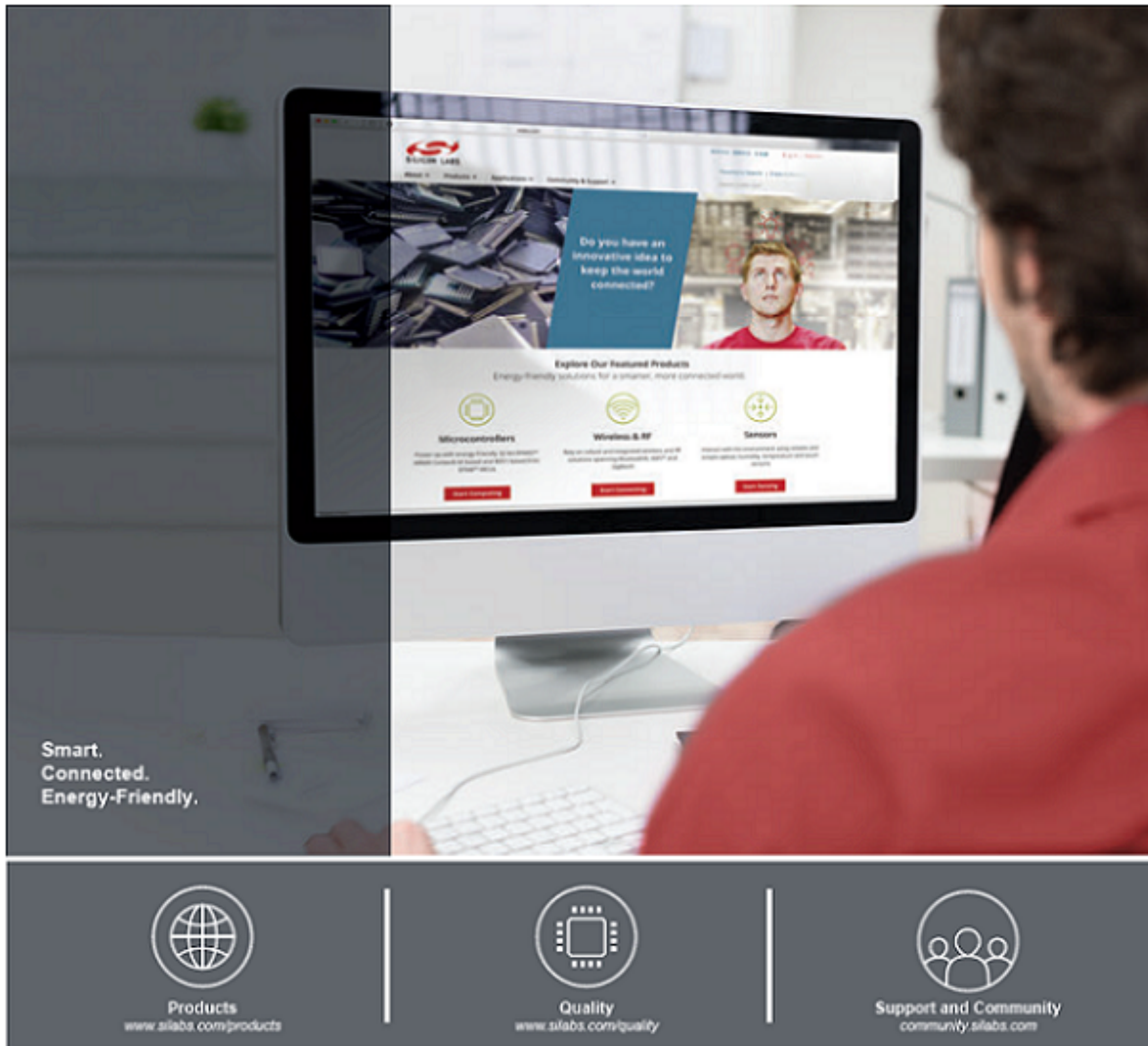
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None

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