



# 200929873 Errata Update MGM12P, B/MGM13P, B/MGM13S, ZGM130S

**Bulletin Issue Date:** 9/29/2020

**Effective Date:** 9/29/2020

## Description of Change

Silicon Labs is pleased to announce the release of the following errata versions for MGM12P, BGM13P, MGM13P, BGM13S, MGM13S and ZGM130S devices.

Release of Version 0.4 of the MGM12P Errata  
Release of Version 0.4 of the BGM13P Errata  
Release of Version 0.4 of the MGM13P Errata  
Release of Version 0.3 of the BGM13S Errata  
Release of Version 0.3 of the MGM13S Errata  
Release of Version 0.4 of the ZGM130S Errata

## Reason for Change

Errata item WDOG\_E201: If the device enters EM2, while the clear command is still being synchronized, the watchdog counter may not be cleared as expected. If the watchdog counter is not cleared as expected, the device can encounter a watchdog reset. Workaround: Wait for WDOG\_SYNCBUSY\_CMD to clear before entering EM2. Note that WDOG can be clocked from one of the low-frequency clock sources and will require additional time to enter EM2 when implementing this workaround. There is currently no resolution for this issue.

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

I2C\_E207  
USART\_E206

## Product Identification

Existing Part #  
MGM12P02F1024GA-V4  
MGM12P02F1024GA-V4R  
MGM12P02F1024GE-V4  
MGM12P02F1024GE-V4R  
MGM12P22F1024GA-V4  
MGM12P22F1024GA-V4R  
MGM12P22F1024GE-V4  
MGM12P22F1024GE-V4R  
MGM12P32F1024GA-V2  
MGM12P32F1024GA-V2R  
MGM12P32F1024GA-V4  
MGM12P32F1024GA-V4R  
MGM12P32F1024GE-V2  
MGM12P32F1024GE-V2R  
MGM12P32F1024GE-V4  
MGM12P32F1024GE-V4R  
MGM12P22\*GA-V4  
MGM12P22\*GA-V4R  
BGM13P22F512GA-V2  
BGM13P22F512GA-V2R  
BGM13P22F512GE-V2  
BGM13P22F512GE-V2R  
BGM13P32F512GA-V2  
BGM13P32F512GA-V2R  
BGM13P32F512GE-V2  
BGM13P32F512GE-V2R

MGM13P02F512GA-V2  
MGM13P02F512GA-V2R  
MGM13P02F512GE-V2  
MGM13P02F512GE-V2R  
MGM13P12F512GA-V2  
MGM13P12F512GA-V2R  
MGM13P12F512GE-V2  
MGM13P12F512GE-V2R  
BGM13S22F512GA-V3  
BGM13S22F512GA-V3R  
BGM13S22F512GN-V2  
BGM13S22F512GN-V2R  
BGM13S22F512GN-V3  
BGM13S22F512GN-V3R  
BGM13S22\*GA-V2  
BGM13S22\*GA-V2R  
BGM13S22\*GN-V3  
BGM13S22\*GN-V3R  
BGM13S22\*GA-V3  
BGM13S22\*GA-V3R  
BGM13S32F512GA-V3  
BGM13S32F512GA-V3R  
BGM13S32F512GN-V2  
BGM13S32F512GN-V2R  
BGM13S32F512GN-V3  
BGM13S32F512GN-V3R  
MGM13S02F512GA-V2  
MGM13S02F512GA-V2R  
MGM13S02F512GA-V3  
MGM13S02F512GA-V3R  
MGM13S02F512GN-V2  
MGM13S02F512GN-V2R  
MGM13S02F512GN-V3  
MGM13S02F512GN-V3R  
MGM13S12F512GA-V2  
MGM13S12F512GA-V2R  
MGM13S12F512GA-V3  
MGM13S12F512GA-V3R  
MGM13S12F512GN-V2  
MGM13S12F512GN-V2R  
MGM13S12F512GN-V3  
MGM13S12F512GN-V3R  
ZGM130S037HGN1  
ZGM130S037HGN1R  
ZGM130S037HGN2  
ZGM130S037HGN2R

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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None

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