

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 ZGM13OS 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.

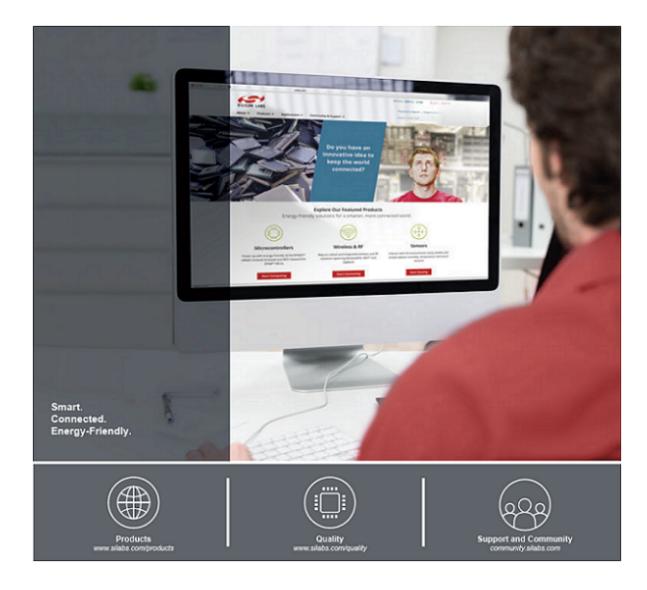
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Silicon Laboratories Inc. 400 West Cesar Chavez Austin, TX 78701