



# 201027920 xGM210P Modules Data Sheet Rev. 1.1 and Errata Rev. 0.2 Release

**Bulletin Issue Date:** 10/27/2020

**Effective Date:** 10/27/2020

## Description of Change

Silicon Labs is pleased to announce the release of Data Sheet Rev. 1.1 and of Errata Rev. 0.2 for MGM210P and BGM210P modules (jointly referred to as xGM210P).

## Reason for Change

Compared to Rev 1.0, changes in Data Sheet Rev 1.1 include:

- Updated security wording and block diagram in Front Page
- Updated list of security features and corrected number of 16-bit Timer/Counter from 2x to 3x in Features
- New xGM210PB part numbers in Ordering Information
- New Security section in System Overview
- Updated Reference Diagrams with relevant labels and references to enable VCOM
- New DECOUPLE pin footnote in Module Pin Definitions table
- New package marking figures for xGM210PB part numbers and removal of marking figures for xGM210P0 part numbers
- Pin 1 orientation clarification and new Moisture Sensitivity Level section in Tape & Reel
- New Bluetooth Qualification section in Certifications

Refer to each data sheet's Revision History for the complete list of changes.

Compared to Rev 0.1, changes in Errata Rev 0.2 include:

- Added I2C\_E303 — I2C Fails to Indicate new Incoming Data
- Added USART\_E301 — Possible Data Transmission on Wrong Edge in Synchronous Mode
- Added USART\_E302 — Additional SCLK Pulses Can Be Generated in USART Synchronous Mode
- Added WDOG\_E301 — Clear Command is Lost Upon EM2 Entry
- Removed RADIO\_E301 — Improper TX and RX Operation at High Temperature

## Product Identification

Existing Part #  
BGM210PA22JIA2  
BGM210PA22JIA2R  
BGM210PA32JIA2  
BGM210PA32JIA2R  
BGM210PB22JIA2  
BGM210PB22JIA2R  
BGM210PB32JIA2  
BGM210PB32JIA2R  
MGM210PA22JIA2  
MGM210PA22JIA2R  
MGM210PA32JIA2  
MGM210PA32JIA2R  
MGM210PB22JIA2  
MGM210PB22JIA2R  
MGM210PB32JIA2  
MGM210PB32JIA2R

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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### **Customer Actions Needed:**

None

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