



2503121619 Datasheet Update for xGM240P v1.2 and MGM240L v1.1

Bulletin Issue Date: Mar 12, 2025

Effective Date: Mar 12, 2025

Description of Change

Silicon Labs is pleased to announce the release of the following datasheet revisions:

- BGM240P v1.2: <https://www.silabs.com/documents/public/data-sheets/bgm240p-datasheet.pdf>
- MGM240P v1.2: <https://www.silabs.com/documents/public/data-sheets/mgm240p-datasheet.pdf>
- MGM240L v1.1: <https://www.silabs.com/documents/public/data-sheets/mgm240l-datasheet.pdf>

Reason for Change

Common changes on BGM240P, MGM240P and MGM240L:

- Updated Bluetooth Low Energy version to 5.4 throughout the document
- Updated Bluetooth Qualification chapter with new DN

Common changes on BGM240P and MGM240P:

- Corrected inversed TX and RX connections on Figure 5.2 Stand-Alone SoC Configuration, Figure 5.3 Stand-Alone SoC Configuration with External Antenna and Figure 5.1 UART NCP Configuration to the Mini Simplicity Connector

Changes specific to MGM240L:

- Updated block diagram to include the AI/ML hardware accelerator (MVP)
- Updated Section 2. Ordering Information
- Updated Section 1. Features
- Removed "Note: This certification is pending" from Section 11.6 China (SRRC)
- Removed mention of Israel and Saudi from Section 11. Certifications

Product Identification

Existing Part #

MGM240L022VIF2
MGM240L022VIF2R
MGM240LA22UIF2
MGM240LA22UIF2R
MGM240LA22VIF2
MGM240LA22VIF2R
MGM240LD22VIF2
MGM240LD22VIF2R
MGM240PA22VNA3
MGM240PA22VNA3R
MGM240PA32VNA3
MGM240PA32VNA3R
MGM240PA32VNN3
MGM240PA32VNN3R
MGM240PB22VNA3
MGM240PB22VNA3R
MGM240PB32VNA3
MGM240PB32VNA3R
MGM240PB32VNN3
MGM240PB32VNN3R
BGM240PA22VNA3
BGM240PA22VNA3R
BGM240PA32VNA3
BGM240PA32VNA3R
BGM240PA32VNN3
BGM240PA32VNN3R

BGM240PB22VNA3
BGM240PB22VNA3R
BGM240PB32VNA3
BGM240PB32VNA3R
BGM240PB32VNN3
BGM240PB32VNN3R
BM24PB2XZ055A3
BM24PB2XZ055A3R
BM24PB3XZ053N3
BM24PB3XZ053N3R
BM24PB3XZ054A3
BM24PB3XZ054A3R

Kit Identification

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.

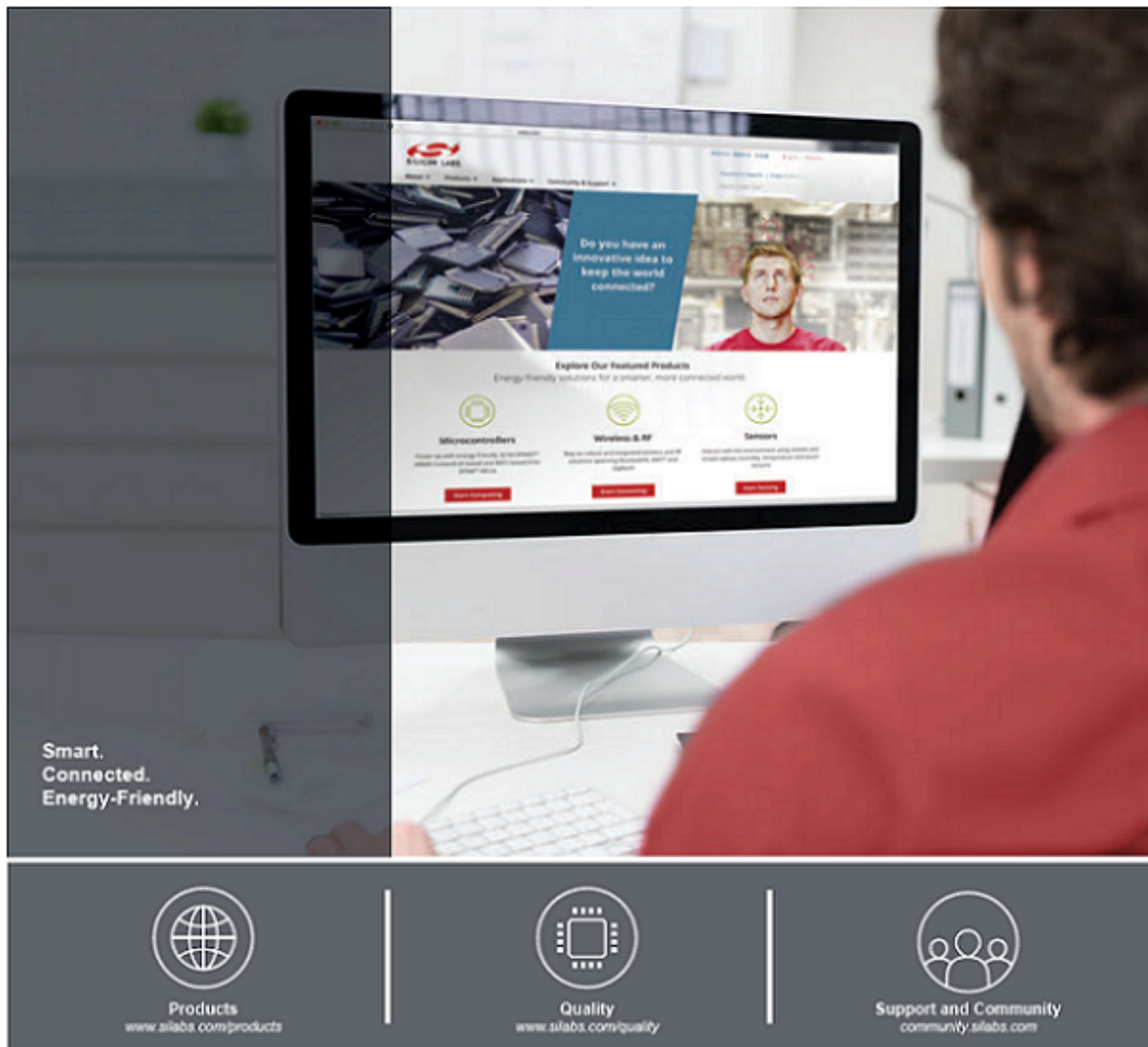
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