



2503121699 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
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MGM240PB32VNN3R
BGM240PA22VNA3
BGM240PA22VNA3R
BGM240PA32VNA3
BGM240PA32VNA3R
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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.

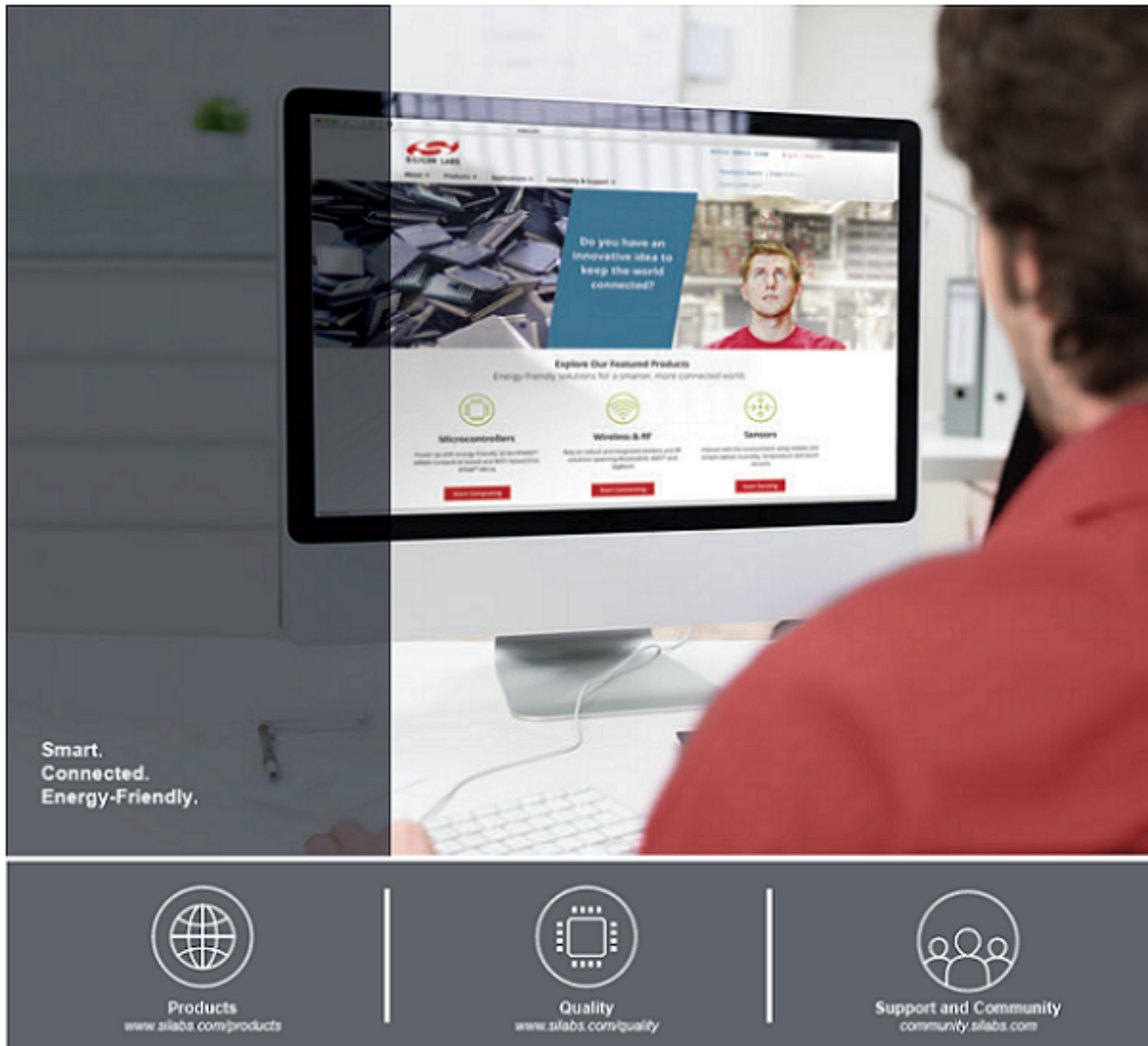
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