



2501291607 BGM220P, MGM220P Datasheets v1.2 and BGM220S Datasheet v1.3

Bulletin Issue Date: Jan 29, 2025

Effective Date: Jan 29, 2025

Description of Change

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

- BGM220P v1.2: <https://www.silabs.com/documents/public/data-sheets/bgm220p-datasheet.pdf>
- MGM220P v1.2: <https://www.silabs.com/documents/public/data-sheets/mgm220p-datasheet.pdf>
- BGM220S v1.3: <https://www.silabs.com/documents/public/data-sheets/bgm220s-datasheet.pdf>

Reason for Change

Common changes on BGM220P, MGM220P and BGM220S:

- Updated Bluetooth version number throughout the document.
- Updated Bluetooth Qualification Chapter

Changes specific to BGM220P and MGM220P:

- Updated 11.7 South Korea - KC to add information about certifications when custom SRD protocol is being used.

Changes specific to BGM220S:

- Updated 7.3 Radio Performance vs. Carrier Board Size and Other PCB Characteristics
- Updated 7.6 Antenna Tuning and Validity of Modular Certifications
- Added Certification for Brazil - ANATEL
- Removed warning in 7.3 Radio Performance vs. Carrier Board Size and Other PCB Characteristics and replaced with new section 7.6 Antenna Tuning and Validity of Modular Certifications

Product Identification

Existing Part #

MGM220PC22HNA2
MGM220PC22HNA2R
BGM220PC22HNA2
BGM220PC22HNA2R
BM22P2HAPZ091A2
BM22P2HAPZ091A2R
BGM220PC22WGA2
BGM220PC22WGA2R
BM22P2WGPZ026A2
BM22P2WGPZ026A2R
BM22P2WGPZ027A2
BM22P2WGPZ027A2R
BM22P2WGPZ048A2
BM22P2WGPZ048A2R
BM22P2HAXZ020A2
BM22P2HAXZ020A2R
BM22P2HAXZ052A2
BM22P2HAXZ052A2R
BGM220SC12WGA2
BGM220SC12WGA2R
BGM220SC22HNA2
BGM220SC22HNA2R
BGM220SC22WGA2
BGM220SC22WGA2R

BM22S1WPZ033A2
BM22S1WPZ033A2R
BM22S1WPZ063A2
BM22S1WPZ063A2R
BM22S2HXZ019A2
BM22S2HXZ019A2R
BM22S2WPZ035A2
BM22S2WPZ035A2R
BM22S2WPZ062A2
BM22S2WPZ062A2R

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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Customer Actions Needed:

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