



2607221838 xGM270S v1.1 and BGM220S v1.4 Data Sheet Update

Bulletin Issue Date: Jul 22, 2026

Effective Date: Jul 22, 2026

Description of Change

Silicon Labs is pleased to announce the release of BGM270S and MGM270S (jointly referred to as xGM270S) Data Sheet v1.1 and BGM220S Data Sheet v1.4.

Links to data sheets:

BGM270S v1.1: <https://www.silabs.com/documents/public/data-sheets/bgm270s-datasheet.pdf>

MGM270S v1.1: <https://www.silabs.com/documents/public/data-sheets/mgm270s-datasheet.pdf>

BGM220S v1.4: <https://www.silabs.com/documents/public/data-sheets/bgm220s-datasheet.pdf>

Software Impact Description

None.

Reason for Change

Common changes on all data sheets:

- Updated Figure 3.1. Block Diagram - Integral Antenna and its caption.
- Added Figure 3.2. Block Diagram - External Antenna.
- Updated 7.6 Antenna Tuning and Validity of Modular Certifications.

Changes specific to BGM220S:

- Added new section 4.3 Thermal Characteristics.

Product Identification

Existing Part #
 MGM270SC22SNA4
 MGM270SC22SNA4R
 BGM270SC22SNA4
 BGM270SC22SNA4R
 BGM220SC12WGA2
 BGM220SC12WGA2R
 BGM220SC22HNA2
 BGM220SC22HNA2R
 BGM220SC22WGA2
 BGM220SC22WGA2R
 BM22S1WPZ033A2
 BM22S1WPZ033A2R
 BM22S1WPZ063A2
 BM22S1WPZ063A2R
 BM22S1WPZ190A2
 BM22S1WPZ190A2R
 BM22S2HXZ019A2
 BM22S2HXZ019A2R
 BM22S2WPZ035A2
 BM22S2WPZ035A2R
 BM22S2WPZ062A2
 BM22S2WPZ062A2R

BM22S2WPZ184A2
BM22S2WPZ184A2R

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.

Please contact your local Silicon Labs sales representative with any questions about this notification. A list of Silicon Labs sales representatives may be found at <https://www.silabs.com>.

Customer Actions Needed:

Review updated data sheets.

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