



# 190822596 Change of Package Assembly Materials and Datasheet Update

**PCN Issue Date:** 8/22/2019

**Effective Date:** 11/28/2019

**PCN Type:** Assembly

## Description of Change

Silicon Labs is announcing the following changes in assembly package materials:

1. Substrate to ENEPIG plating due to plating line End of Life (EOL)
2. Mold compound to smaller filler size for better mold flow
3. Wire to Gold for better wire bondability.

As of the effective date, Silicon Labs will fulfill orders from either the existing or newly qualified package materials. Once the current assembly materials are depleted, orders will be 100% fulfilled from the new bill of material.

Silicon Labs is also announcing new datasheet revisions v1.4 and v1.2 for BGM121/BGM123 and BGM11S, respectively. Changes to the datasheet include minor typographical corrections, additional tables and descriptions. The datasheet details are listed in the documents' revision history.

## Reason for Change

Substrate plating line EOL and datasheet revisions.

## Impact on Form, Fit, Function, Quality, Reliability

There is no change on fit, function, quality or reliability. The wire is changing from copper to gold.

## Product Identification

BGM121A256V2  
BGM121A256V2R  
BGM121N256V2  
BGM121N256V2R  
BGM123A256V2  
BGM123A256V2R  
BGM123N256V2  
BGM123N256V2R  
BGM11S12F256GA-V2  
BGM11S12F256GA-V2R  
BGM11S12F256GA-xxx  
BGM11S12F256GA-xxxR  
BM11S12xxxxxGA  
BM11S12xxxxxGAR  
BGM11S22F256GA-V2  
BGM11S22F256GA-V2R  
BM11S22xxxxxGA  
BM11S22xxxxxGAR

Where 'xxx' represents a custom part number.

**Last Date of Unchanged Product:** 11/28/2019

## Qualification Samples

Available upon request.

## Customer Response

Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change, Ref. JEDEC-J-STD-046.

To request further data or inquire about this notification, please contact your Silicon Labs sales representative. A list of Silicon Labs sales representatives is available at <http://www.silabs.com>.

Customers may approve early PCN acceptance by emailing approval, along with PCN # to [PCNEarlyAcceptance@silabs.com](mailto:PCNEarlyAcceptance@silabs.com)

## User Registration

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## Qualification Data

Available upon request.



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