



190321469 Si52212-08-04-02 Datasheet Rev1.0 Datasheet Update and Datasheet Errata

PCN Issue Date: 3/21/2019

Effective Date: 6/27/2019

PCN Type: Datasheet; Product Revision

Description of Change

Silicon Labs is pleased to announce:

1. Si52212-08-04-02 Datasheet updates from Rev0.7 to Rev1.0.

Datasheet updates in Rev1.0 include addition of PCIe Gen 5 and maximum specification data in Electrical Specifications table and additional information in Sections 5, 8 and 9 in datasheet. For more information, please refer to Revision History (page 70) in datasheet.

2. Fix for Si52202 and Si52204 datasheet errata.

Si52202: There is no internal pullup resistor in Pin 8 – SS_EN (Spread Spectrum enable) in the device. In the new device revision, there will be an internal pullup resistor in Pin 8 as originally specified in the datasheet pin description.

Si52204: There is no internal pulldown resistor in Pin 11 – FS (Frequency Select) in the device. In the new device revision, there will be an internal pulldown resistor in Pin 11 as originally specified in the datasheet pin description.

For revision ordering information, please refer to Product Identification section below.

Reason for Change

To update the datasheet from Rev0.7 and Rev1.0 and to ensure that Si52202 Pin 8 and Si52204 Pin 11 function per datasheet description.

Impact on Form, Fit, Function, Quality, Reliability

No impact to form, fit, quality and reliability.

Product Identification

Existing Part Number	Replacement Part Number	Drop-in Compatible
Si52204-A01AGM	Si52204-A01BGM	Yes
Si52204-A01AGMR	Si52204-A01BGMR	Yes
Si52204-A02AGM	Si52204-A02BGM	Yes
Si52204-A02AGMR	Si52204-A02BGMR	Yes
Si52202-A01AGM	Si52202-A01BGM	Yes
Si52202-A01AGMR	Si52202-A01BGMR	Yes
Si52202-A02AGM	Si52202-A02BGM	Yes
Si52202-A02AGMR	Si52202-A02BGMR	Yes

Last Date of Unchanged Product: 6/27/2019

Qualification Samples

Available now.

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>.

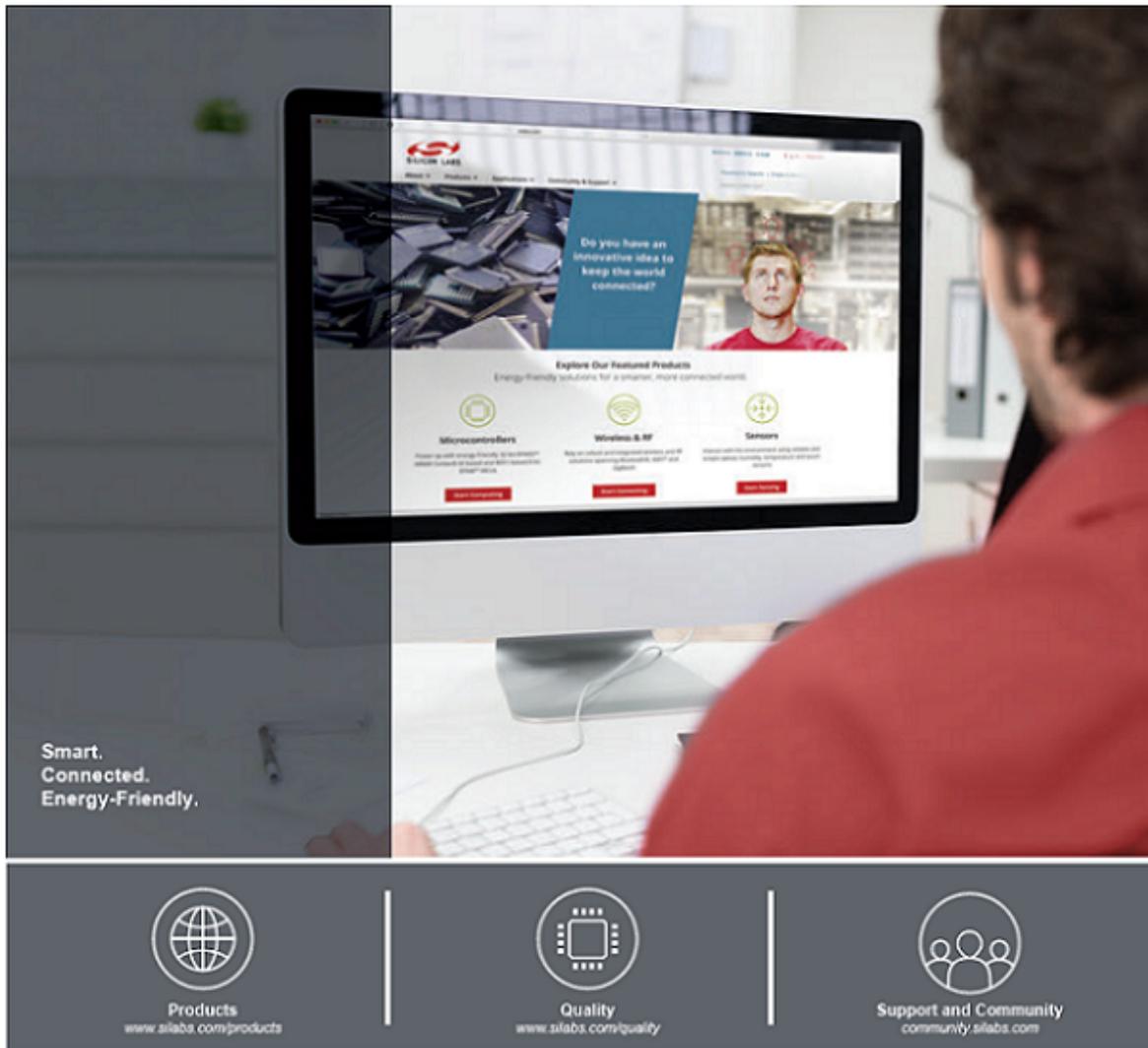
Customers may approve early PCN acceptance by emailing approval, along with PCN # to PCNEarlyAcceptance@silabs.com

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Qualification Data

Available upon request.



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