



191007650 Addendum to PRCN 190910634 Si51210 and Si51214 Rev B Availability

PRCN Issue Date: 10/7/2019

Effective Date: 12/16/2019

PCN Type: Product Revision

Description of Change

This addendum to PRCN 190910634 is being issued to correct a typo that was listed in the change reason section below. The temperature was listed as 30 degrees C and should have been -30 degrees C.

Silicon Labs is pleased to announce the availability of Revision B for the Si51210 and Si51214, as well as Revision 1.1 of the Si51210 and Si51214 datasheets.

After the 90-day effective date, new orders will be fulfilled with revision B of the Si51210 and Si51214.

Reason for Change

Addendum to PRCN 190910634 in order to correct the reason of change.

A metal mask change is implemented on the Si51210 and Si51214. It was discovered that when the Si51210 and Si51214 are operating at temperatures ≤ -30 degrees C, the Si51210 and Si51214 may not have any clock outputs. When the Si51210 and Si51214 are operating at temperatures > -30 degrees C, both devices have clock outputs and operate normally per datasheet's specifications.

The metal mask change ensured the Si51210 and Si51214 operate normally from -40 degrees C to 85 degrees C, as stated in the datasheets.

The wording below is from PRCN 190910634:

A metal mask change is implemented on the Si51210 and Si51214. It was discovered that when the Si51210 and Si51214 are operating at temperatures ≤ 30 degrees C, the Si51210 and Si51214 may not have any clock outputs. When the Si51210 and Si51214 are operating at temperatures >30 degrees C, both devices have clock outputs and operate normally per datasheet's specifications.

The metal mask change ensured the Si51210 and Si51214 operate normally from -40 degrees C to 85 degrees C, as stated in the datasheets.

Impact on Form, Fit, Function, Quality, Reliability

There is no impact on form, fit, quality or reliability. Function is impacted as described in the change reason.

Product Identification

Existing Part #	Replacement Part #	DropInCompInd.
SI51210-A06319-GM	SI51210-B06319-GM	Yes
SI51210-A06319-GMR	SI51210-B06319-GMR	Yes
SI51210-A07212-GM	SI51210-B07212-GM	Yes
SI51210-A07212-GMR	SI51210-B07212-GMR	Yes
SI51210-A08503-GM	SI51210-B08503-GM	Yes
SI51210-A08503-GMR	SI51210-B08503-GMR	Yes
SI51210-A08630-GM	SI51210-B08630-GM	Yes
SI51210-A08630-GMR	SI51210-B08630-GMR	Yes
SI51210-A08845-GM	SI51210-B08845-GM	Yes
SI51210-A08845-GMR	SI51210-B08845-GMR	Yes
SI51210-A08905-GM	SI51210-B08905-GM	Yes

SI51210-A08905-GMR	SI51210-B08905-GMR	Yes
SI51210-A09323-GM	SI51210-B09323-GM	Yes
SI51210-A09323-GMR	SI51210-B09323-GMR	Yes
SI51210-A09851-GM	SI51210-B09851-GM	Yes
SI51210-A09851-GMR	SI51210-B09851-GMR	Yes
SI51210-A09942-GM	SI51210-B09942-GM	Yes
SI51210-A09942-GMR	SI51210-B09942-GMR	Yes
SI51210-A09943-GM	SI51210-B09943-GM	Yes
SI51210-A09943-GMR	SI51210-B09943-GMR	Yes
SI51210-A10328-GM	SI51210-B10328-GM	Yes
SI51210-A10328-GMR	SI51210-B10328-GMR	Yes
SI51214-A05990-GM	SI51214-B05990-GM	Yes
SI51214-A05990-GMR	SI51214-B05990-GMR	Yes
SI51214-A06625-GM	SI51214-B06625-GM	Yes
SI51214-A06625-GMR	SI51214-B06625-GMR	Yes
SI51214-A08631-GM	SI51214-B08631-GM	Yes
SI51214-A08631-GMR	SI51214-B08631-GMR	Yes
SI51214-A08656-GM	SI51214-B08656-GM	Yes
SI51214-A08656-GMR	SI51214-B08656-GMR	Yes
SI51214-A09190-GM	SI51214-B09190-GM	Yes
SI51214-A09190-GMR	SI51214-B09190-GMR	Yes
SI51214-A09598-GM	SI51214-B09598-GM	Yes
SI51214-A09598-GMR	SI51214-B09598-GMR	Yes
SI51210-A18AFM	SI51210-B18AFM	Yes
SI51210-A18AFMR	SI51210-B18AFMR	Yes
SI51210-A1HAGM	SI51210-B1HAGM	Yes
SI51210-A1HAGMR	SI51210-B1HAGMR	Yes
SI51210-A1QAGM	SI51210-B1QAGM	Yes
SI51210-A1QAGMR	SI51210-B1QAGMR	Yes
SI51210-A1UAGM	SI51210-B1UAGM	Yes
SI51210-A1UAGMR	SI51210-B1UAGMR	Yes
SI51214-A11AFM	SI51214-B11AFM	Yes
SI51214-A11AFMR	SI51214-B11AFMR	Yes
SI51214-A1DAGM	SI51214-B1DAGM	Yes
SI51214-A1DAGMR	SI51214-B1DAGMR	Yes

Last Date of Unchanged Product: 12/16/2019

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

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Qualification Data

Available upon request.



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