2103051003 Addendum to 201201940 RS9116 Revision 1.4 Parts Available

PRCN Issue Date: Mar 05, 2021 **Effective Date:** Aug 31, 2021

PCN Type: Product Revision; Software / Firmware

Description of Change

This addendum to PRCN 201201940 is being issued to extend the availability of revision 1.3 for the RS9116 products to allow the customer more time to migrate to the new parts. The drop in compatible indicator is also changed from "Yes" to "No". Please contact Silicon Labs for additional information on drop in compatibility.

Original PRCN Change Description:

Silicon Labs is pleased to announce the release of revision 1.4 of RS9116 devices and Software Release 2.0.

SOFTWARE IMPACT DESCRIPTION:
Please review RS9116W IoT Software 2.0 Release Notes – RS9116.WSC.2.0.0.0024
WiSeConnect customers may have to make some changes in their application.

Note: After the effective date of the PRCN, Silicon Labs reserves the right not to accept orders for the old revision.

Reason for Change

Extend the availability of revision 1.3 for the RS9116 products, and change in drop in compatible indicator.

Original PRCN Change Reason:

New features have been added and several issues reported by customers and found in internal testing have been fixed. The details of the changes are available in the release notes which can be downloaded from https://docs.silabs.com/rs9116/latest/.

RS9116 1.4 version devices have improved performance and power over RS9116 1.3 version devices. There were issues in UULP_VBATT power consumption and DPD enablement in 1.3 version which have been fixed in 1.4 version.

Impact on Form, Fit, Function, Quality, Reliability

There is no impact on form, fit, quality or reliability of the SoC and module packages. Function is impacted as described in the change reason section. Please contact Silicon Labs for drop in compatibility.

Some software application layer changes may be needed in WiSeConnect product family. The changes are mentioned in the release notes.

Product Identification

Existing Part #	Replacement Part #	DropInCompInd.
RS9116W-SB00-QMS-X24	RS9116W-SB00-QMS-B2A	No
RS9116N-DB00-AB0-X00	RS9116N-DB00-AB0-B00	No
RS9116N-DB00-CC0-X00	RS9116N-DB00-CC0-B00	No
RS9116N-DB00-CC1-X00	RS9116N-DB00-CC1-B00	No
RS9116N-SB00-CA1-X00	RS9116N-DB00-CC1-B00	No
RS9116W-DB00-AB1-X20	RS9116W-DB00-AB1-B2A	No
RS9116W-DB00-AB1-X23	RS9116W-DB00-AB1-B2A	No
RS9116W-DB00-AB1-X24	RS9116W-DB00-AB1-B2A	No
RS9116W-DB00-CC0-X12	RS9116W-DB00-CC0-B2A	No
RS9116W-DB00-CC0-X23	RS9116W-DB00-CC0-B2A	No
RS9116W-DB00-CC1-X11	RS9116W-DB00-CC1-B2A	No

RS9116W-DB00-CC1-X12	RS9116W-DB00-CC1-B2A	No
RS9116W-DB00-CC1-X20	RS9116W-DB00-CC1-B2A	No
RS9116W-DB00-CC1-X21	RS9116W-DB00-CC1-B2A	No
RS9116W-DB00-CC1-X23	RS9116W-DB00-CC1-B2A	No
RS9116W-DB00-CC1-X24	RS9116W-DB00-CC1-B2A	No
RS9116W-SB00-CA1-X23	RS9116W-DB00-CC1-B2A	No

Kit Identification

Kits impacted by the above product are listed below.
Orders for the following obsolete kits will no longer be accepted.

Last Date of Unchanged Product: Aug 31, 2021

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.

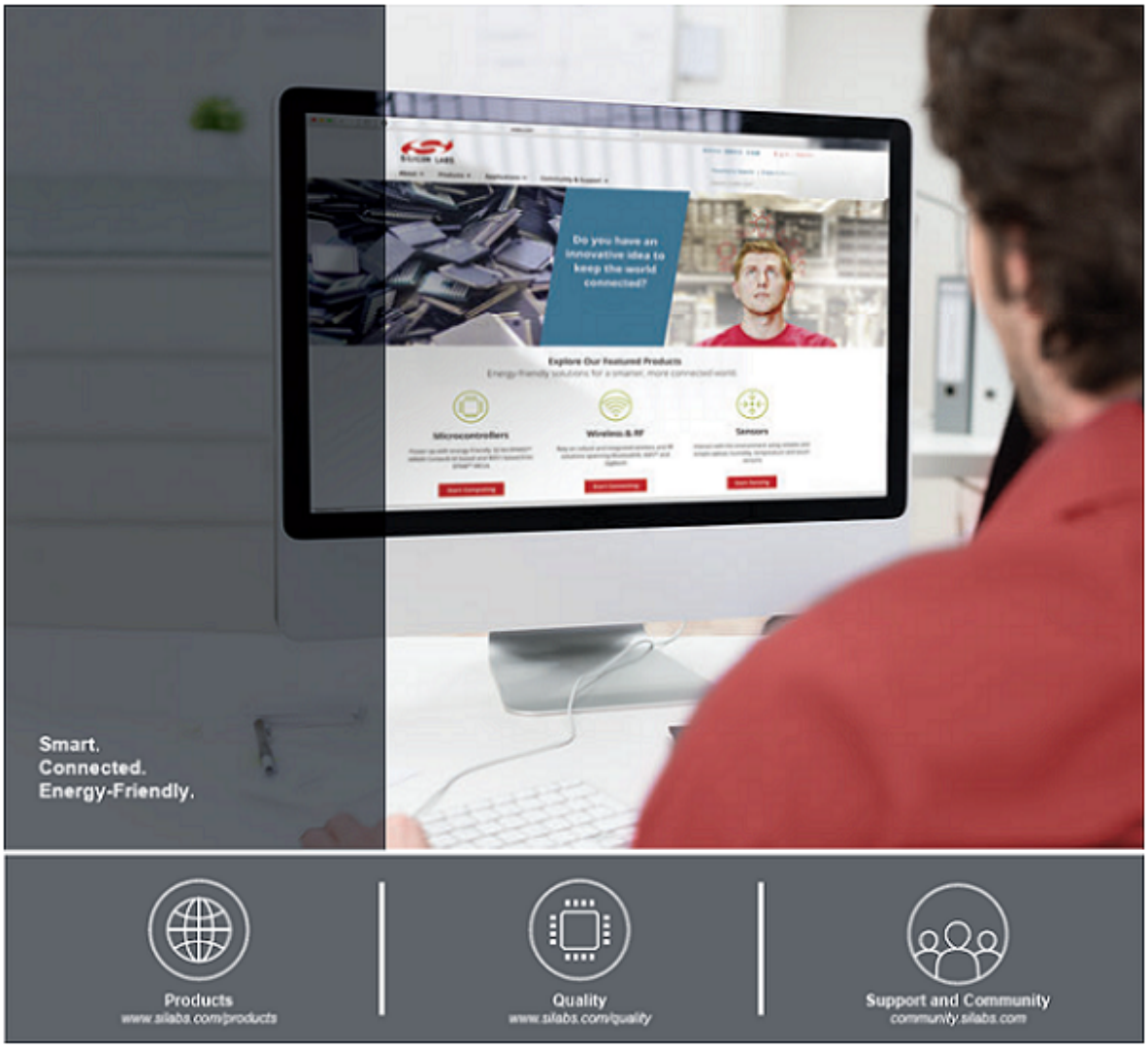
Customers may approve early PCN acceptance by emailing approval, along with PCN # to PCNEarlyAcceptance@silabs.com

User Registration

Register today to create your account on Silabs.com. Your personalized profile allows you to receive technical document updates, new product announcements, “how-to” and design documents, product change notices (PCN) and other valuable content available only to registered users. **http://www.silabs.com/profile**

Qualification Data

In March of 2020 Silicon Labs announced the acquisition of Redpine Signals Wi-Fi and Bluetooth assets. Integration activities are in progress to support Redpine Signals customers to the Silicon Labs standards. The qualification report that is currently available is from Redpine. Actions are underway to requalify to the appropriate standards. Please contact your sales representative for an update on the availability of a qualification report.



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Silicon Laboratories Inc.
400 West Cesar Chavez
Austin, TX 78701

http://www.silabs.com