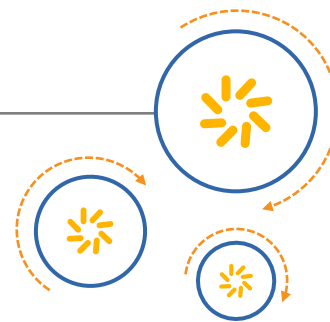




Qualcomm Technologies, Inc.



RB01

Hardware Release Notes

80-YA116-20 Rev. A

July 3, 2017

Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. Other product and brand names may be trademarks or registered trademarks of their respective owners.

This technical data may be subject to U.S. and international export, re-export, or transfer ("export") laws. Diversion contrary to U.S. and international law is strictly prohibited.

Qualcomm Technologies, Inc.
5775 Morehouse Drive
San Diego, CA 92121
U.S.A.

© 2017 Qualcomm Technologies, Inc. All rights reserved.

Qualcomm Technologies, Inc. (“QTI”) and its affiliates reserve the right to make any updates, corrections and any other modifications to its documentation. The information provided in this document represents QTI’s knowledge and belief as of the date this document is provided. QTI makes no representation or warranty as to the accuracy of such information, and QTI assumes no liability for any use of the information in this documentation. You should obtain the latest information before placing orders for any hardware, and you should verify that such information is current and complete. Information published by QTI regarding any third-party products does not constitute a license to use such products or a warranty or endorsement thereof. Use of such information may require a license from a third party under the intellectual property rights of such third party, or a license from QTI or its affiliates under the intellectual property rights of QTI or its affiliates.

All hardware, equipment, components or products are sold subject to QTI’s (or such other QTI affiliated company that is designated by QTI) standard terms and conditions of sale, as applicable. Notwithstanding anything to the contrary in this documentation or otherwise: (i) you do not receive any rights, licenses, or immunities from suit under any patents of Qualcomm Incorporated, QTI or their respective affiliates as a result of receiving this documentation (whether expressly, impliedly, by virtue of estoppel or exhaustion, or otherwise), (ii) without limitation, you shall not use or sell any wireless wide area network (“WWAN”) baseband integrated circuit that you purchase or acquire from QTI or any product that incorporates any such WWAN baseband integrated circuit (whether alone or in combination with any other software or components) without a separate license or non-assertion covenant from Qualcomm Incorporated in respect of or under all applicable patents, (iii) nothing in this document modifies or abrogates your obligations under any license or other agreement between you and Qualcomm Incorporated, including without limitation any obligation to pay any royalties, and (iv) you will not contend that you have obtained any right, license, or immunity from suit with respect to any patents of Qualcomm Incorporated, QTI or their respective affiliates under or as a result of receiving this documentation (whether expressly, impliedly, by virtue of estoppel or exhaustion, or otherwise).

Revision history

Revision	Date	Description
A	July 2017	Initial release

1 Hardware release

This document serves as the hardware release notes for RB01-010. This release includes the following hardware documentation:

- QCA4010 Low-Energy Wi-Fi Single-Band 802.11b/g/n SoC Device Specification (Qualcomm Technologies' 80-YA116-1)
- RB01 Development Platform Hardware User Guide (Qualcomm Technologies' 80-YA116-13)
- RB02 Hardware Release Notes (Qualcomm Technologies' 80-YA116-18)

2 Supported hardware

The RB01 is a development platform used with the following Wi-Fi modules:

- RB02 – Based on the QCA4010 1x1 single-band Wi-Fi SoC. Supports 2.4 GHz operation.
- RB04 – Based on the QCA4010 1x1 single-band Wi-Fi SoC. Supports 2.4 GHz, and CSR8811 BT v4.0 IC.

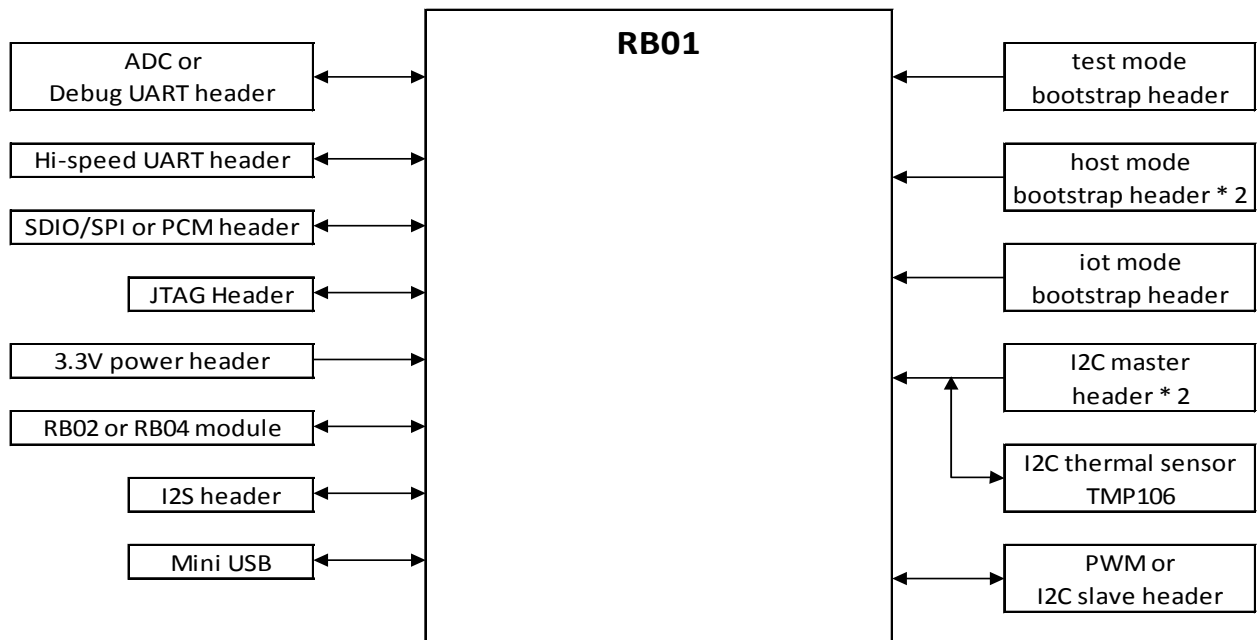


Figure 1 RB01 connection diagram

3 RB01 change history

Table 1 RB01 module revisions

Revision	Module no.	Change
CUS510-010	20-YA040-H1	-
RB01-010	20-YA162-H1	<ul style="list-style-type: none">▪ Added JTAG HEADER JP12▪ Changed J4.2 Pin to +3.3VB Net