Qualcomm

Qualcomm Technologies, Inc.

QC64MA Global Modular Certification

Module ODM Instructions

80-YD142-2, Rev. A

April 11, 2019

For additional information or to submit technical questions, go to: https://createpoint.qti.qualcomm.com

Confidential and Proprietary – Qualcomm Technologies, Inc.

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U.S.A.

Revision history

Revision	Date	Description
A	April 2019	Initial release

NOTE: The Qualcomm Technologies Inc. ("QTI") reference design radio module (the "Module") is designed for use only in those countries in which QTI has obtained certificates of compliance in accordance with applicable laws and regulations. The Module may not be sold, operated or incorporated into products for use in any countries other than those designated by QTI. *See* Section 3 herein. In addition, any deviation from the settings, methods, conditions and restrictions for integration of the Module into a host system, as detailed in this document, could be a violation of applicable national law and may be punishable as such, and in such event, the products into which the Module is incorporated may not be lawfully distributed or sold in such countries. QTI assumes no responsibility for any liability or loss related to the installation, integration or operation of the Module.

Contents

1 Introduction

This document describes the steps that the Module Original Device Manufacturer (ODM) must follow when producing a module with radio certifications secured by Qualcomm Technologies Inc. (QTI) to make use of those certifications in the final product.

Failure to follow the instructions in this document may invalidate the FCC certification of the module for use in the U.S. as well as the authorizations that apply in other countries.

The QTI modular certifications described in this document apply only to radio conformance for the module. The OEM integrator is responsible for all system-level EMI/EMC and Product Safety testing and certification that apply to the host system in the U.S. and other countries where the system will be marketed or sold.

This document describes the responsibilities of the module ODM manufacturer. The end system integrator/OEM integrator must adhere to the instructions that apply to the use of a certified radio module that QTI provides separately to the OE integrator.

2 Applicable Modules

- Regulatory Model Name: QC64MA
- FCC ID: J9C-QC64MA   IC: 2723A-QC64MA

3 Available Global Modular Approvals from QTI

Module certification is limited to those countries for which Qualcomm Technologies Inc. has obtained radio modular approvals. Integrators/ODM can access the current list of certified countries with their CreatePoint access.

Contact your Qualcomm account representative to request access to the Qualcomm CreatePoint system.

OEM integrators must receive their own radio certification for any country in which the system will be sold if a modular certification for that country is not available from Qualcomm Technologies Inc.

MAY CONTAIN U.S. AND INTERNATIONAL EXPORT CONTROLLED INFORMATION

4 Change Control

The module ODM must build and manufacture the certified radio module exactly per the schematic, bill of materials, layout, Gerber file, critical component list, and mechanical specifications reviewed by QTI.

The module ODM must notify QTI of any and all deviations from the specifications provided by QTI. Such notice must be provided to the Qualcomm Atheros contacts in the Notification List below.

NOTE: No changes to the module may be made without QTI's written approval.

QTI will review the proposed changes and may request that additional regulatory testing be performed to determine the extent of the impact to regulatory compliance of the certified module. Depending on the nature of the changes and test results (if applicable), formal submission to one or more regulatory agencies and their approval may be necessary before the change may be implemented.

The module ODM should inform QTI as soon as possible to ensure adequate time to review and obtain necessary testing before manufacturing target dates.

Notification List:

■ Stanley Lin, Regulatory Program Manager [slin@qualcomm.com]

5 Notification of new OEM Integrator Launch Plans

QTI will provide separate instructions to each OEM integrator or system integrator that will launch the certified module produced by the module ODM. Therefore, QTI must be informed if the module ODM plans to produce and deliver certified modules to any new OEM integrator or system integrator that was not previously reported to QTI. This approach will ensure that QTI is aware of each OEM integrator using QTI Certified Modules.

NOTE: The ODM manufacturer must notify QTI of plans to launch the certified modules with a new OEM integrator (one not listed below). Notice shall be sent by email to the individuals in the Notification List in Section 4.

Currently agreed OEM integrators:

-
-

6 Compliant/Allowable Transmit Power Settings in Board Data File

This file contains the transmit power settings that are to be programmed in the board-data file in software. The software image is installed at the time the module is manufactured.

The board data information is to be provided by Qualcomm Atheros, Inc. Contact your QC account representative for details of the board data file.

7 Required Labeling on the Module

7.1 Global regulatory labeling on the module

The ODM may be instructed by the OEM integrator to affix a global regulatory label on the module including certification numbers and logos for all countries specified by the OEM integrator. QTI makes available in PDF format a regulatory label template for each certified module, including the applicable certification IDs and logo. Refer to instructions in Section 7.2.

The system integrator is responsible for confirming that the final regulatory label on the module contains all required certification IDs for all countries in which the system will be marketed.

It is recommended that the module ODM implement a review and sign-off process, as well as a change control process, with each OEM integrator to ensure that the labels meet the OEM integrator requirements.

QTI provides sample artwork with the applicable certification numbers for a module. The provided .PDF document can be opened using Adobe Illustrator so the sample artwork can be copied and modified as needed. The final label produced by the module manufacturer will vary from our sample. However, the logos and certification numbers must be those shown in the sample global label.

Contact your Qualcomm account representative with any questions regarding module labeling.

7.2 Downloading sample global label with certification IDs

Labeling instructions are limited to those countries for which Qualcomm has obtained radio modular approvals. Integrators/ODM can use their CreatePoint access to obtain the current list of certified countries.

Contact your Qualcomm account representative to request access to the Qualcomm CreatePoint system.

8 Module ODM Checklist

The party listed below will manufacture QTI Certified Modules in accordance with the instructions specified in this document and any other documents referenced herein.

☐ The module ODM manufacturer will inform Qualcomm Technologies Inc. ("QTI") of any planned changes or deviations from the electrical and mechanical design specifications that were provided by QTI for certified modules. The module ODM manufacturer will not implement changes without QTI's prior written permission.

☐ The module ODM manufacturer will secure QTI's written consent before providing certified modules to any OEM integrator /system integrator that QTI has not previously approved.

☐ The module ODM manufacturer will ensure that the Module is labeled as specified in these instructions.

☐ Prior to providing a module to any OEM Integrator /system integrators, the Module ODM manufacturer will ensure the module is programmed with a maximum transmit power level that does not exceed the levels specified in these instructions.

Qualcomm requests that each module ODM manufacturer acknowledge its receipt of this document and the above instructions. You may contact Qualcomm with any questions concerning this document or your responsibilities as a module ODM manufacturer.

Company Name	_____	Signature	_____
Company Address	_____	Name	_____
	_____	Title	_____
		Email	_____
		Phone	_____
		Date	_____

NOTE: Email a signed and completed copy of this acknowledgment to moduleinstructions@qualcomm.com.