

# **BG96** Reference Design

### **LTE Module Series**

Rev. BG96\_Reference\_Design\_Rev.B

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### **About the Document**

### **History**

Revision	Date	Author	Description	
A	2017-02-09	Lyndon LIU/ Lorry XU	Initial	
В	2017-05-05	Lyndon LIU	<ol> <li>Added the design of I2S, I2C and UART3/SPI interfaces in Sheet 1.</li> <li>Modified the circuit design of USB_BOOT in Sheet 1.</li> <li>Added power supply design for audio codec circuits in Sheet 2.</li> <li>Modified the block diagram of DC-DC Application in Sheet 2.</li> <li>Modified the circuit design of STATUS in Sheet 2.</li> <li>Added UART3 level translator circuit (Transistor Solution) in Sheet 4.</li> <li>Added the design of SPI and GPIO interfaces in Sheet 6.</li> </ol>	
			8. Added audio codec design circuit in Sheet 7.	



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## 1 Reference Design

### 1.1. Introduction

This document provides the reference design for Quectel BG96 module.

### 1.2. Schematics

The schematics illustrated in the following pages are provided for your reference only.













