ALL CONTENTS OF THIS MANUAL ARE PROVIDED "AS IS". EXCEPT AS REQUIRED BY APPLICABLE LAWS, NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE MADE IN RELATION TO THE ACCURACY, RELIABILITY OR CONTENTS OF THIS MANUAL.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL HUAWEI BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES, OR LOSS OF PROFITS, BUSINESS, REVENUE, DATA, GOODWILL SAVINGS OR ANTICIPATED SAVINGS REGARDLESS OF WHETHER SUCH LOSSES ARE FORSEEABLE OR NOT.

THE MAXIMUM LIABILITY (THIS LIMITATION SHALL NOT APPLY TO LIABILITY FOR PERSONAL INJURY TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH A LIMITATION) OF HUAWEI ARISING FROM THE USE OF THE PRODUCT DESCRIBED IN THIS MANUAL SHALL BE LIMITED TO THE AMOUNT PAID BY CUSTOMERS FOR THE PURCHASE OF THIS PRODUCT.

Import and Export Regulations

Customers shall comply with all applicable export or import laws and regulations and will obtain all necessary governmental permits and licenses in order to export, re-export or import the product mentioned in this manual including the software and technical data therein.

Privacy Policy

To better understand how we protect your personal information, please see the privacy policy at http://consumer.huawei.com/privacy-policy.

Contents

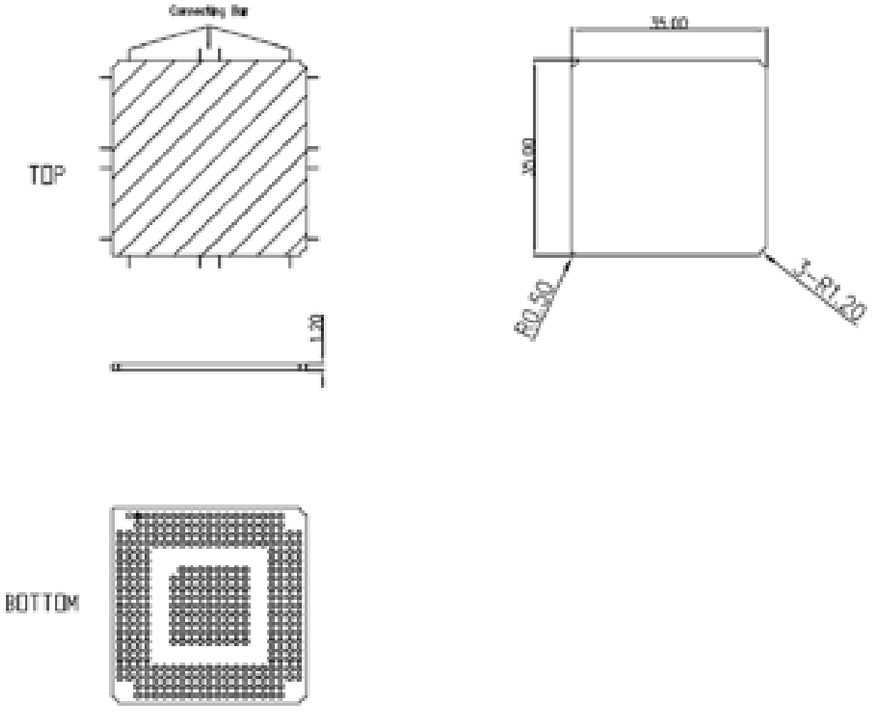
Thank you for purchasing HUAWEI ME919Bs-567bN LTE Module (hereinafter referred to as the ME919Bs-567bN)

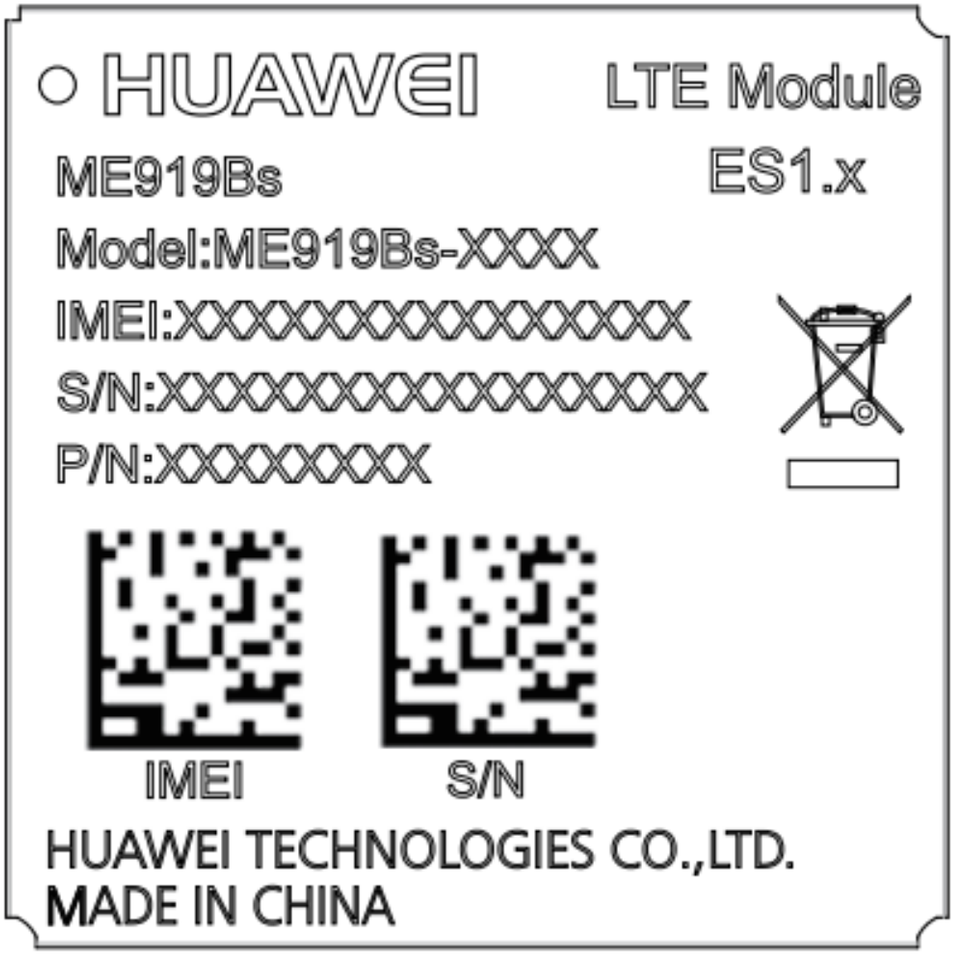
Note:

- This manual briefly describes the preparation, Assembly and safety precautions.
- You are recommended to read the manual before using the ME919Bs-567bN

Getting to Know the ME919Bs-567bN

The module is standard LGA interface with a dimension of 35 mm × 35 mm × 1.2 mm. It is applied to the user interface board, and can be used as a wireless terminal in a network environment.





Note:

- In certain cases, your development kit may be disassembled only by the professionals.
- Before you install the ME919Bs-567bN onto the development kit, read **HUAWEI ME919B LTE LGA Module Development Kit Guide.**

HUAWEI ME919B LTE LGA Module Development Kit Guide

1. Overview

1.1 Introduction to DVK

The DVK provides a complete solution based on the module. For designers who adopt the module in their designs, the DVK facilitates their module-based programming and troubleshooting at the project development stage. The module is welded onto the development board in a manner that is similar to the surface mounting of chips. The signals output from the module are transferred to the development board for secondary development.

NOTE:

- In the following sections, "module" refers to the ME919Bs-567bN LTE LGA module.

1.2 Setting up DVK

This chapter describes how to set up the DVK to ensure that the module can work normally. As power of the module can be provided from a 12V power adapter or 5V in USB interface, set up J305's jumpers in accordance with your power choice. Therefore, there are two powers you can use in the DVK.

Figure 1 Layout of the DVK(TOP VIEW)

Method 1:

When the power is supplied by a 12V adapter rather than a 5V in USB interface, connect J305's pin 3 and pin 2, and J605's pin2 and pin1. The jump wire configuration is showed in Figure 2.

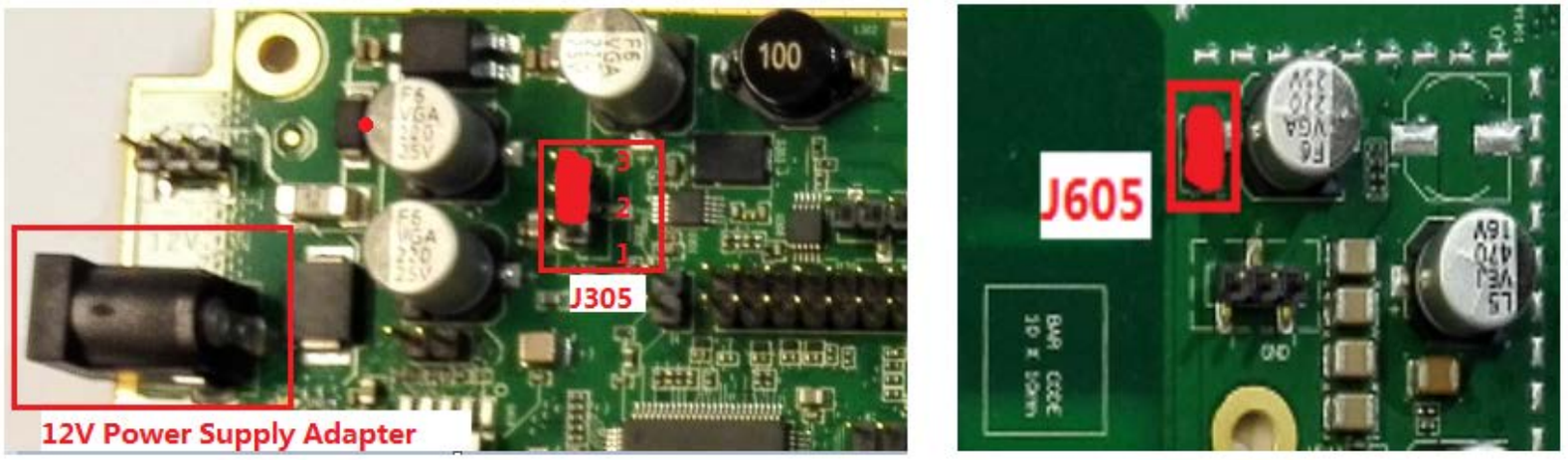


Figure 2 12V Power Supply on the DVK

Method 2:

When the power is supplied by a 5V in USB interface rather than a 12V adapter, connect J305's pin 2 and pin 1, and J605's pin2 and pin1. The jump wire configuration is shown in Figure 4.

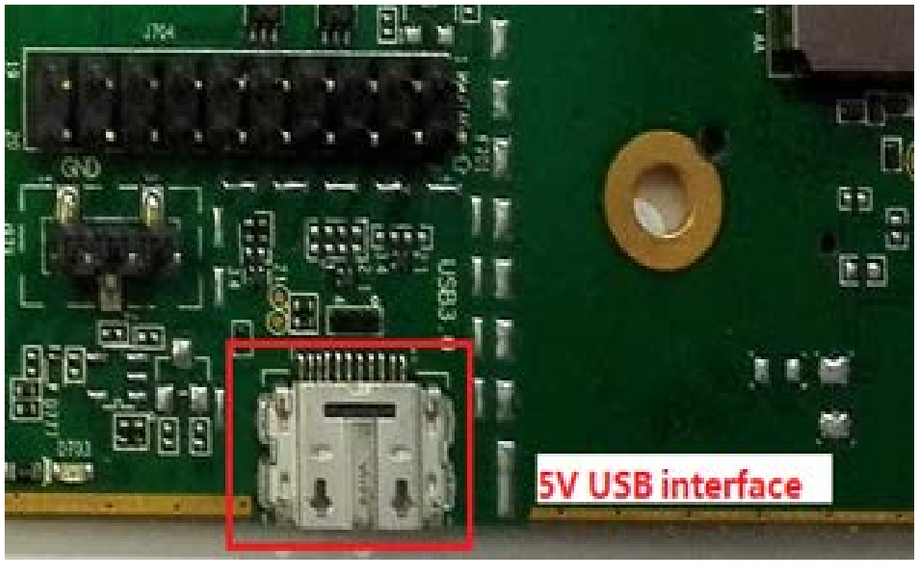


Figure 3 USB Interface

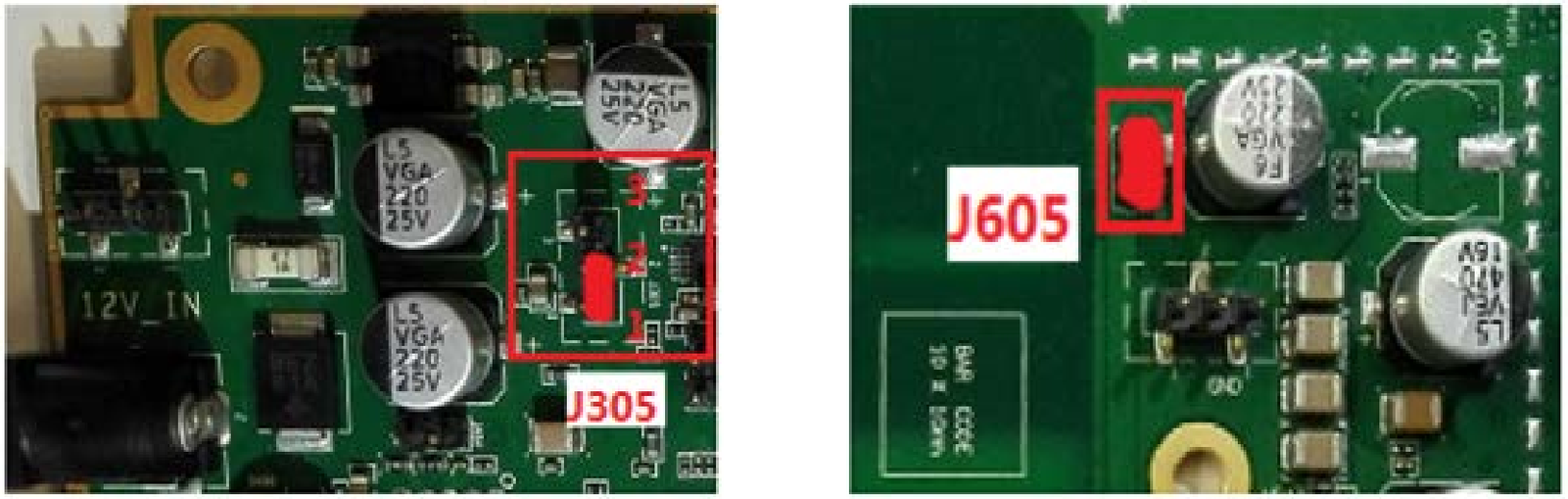


Figure 4 Jump Wire Configuration

1.3 Power-up and Turning on the module

When the MCU on the DVK is power-on, connect J307’ s pin2 and pin1 to power the module up. The jump wire configuration is shown in Figure 5.

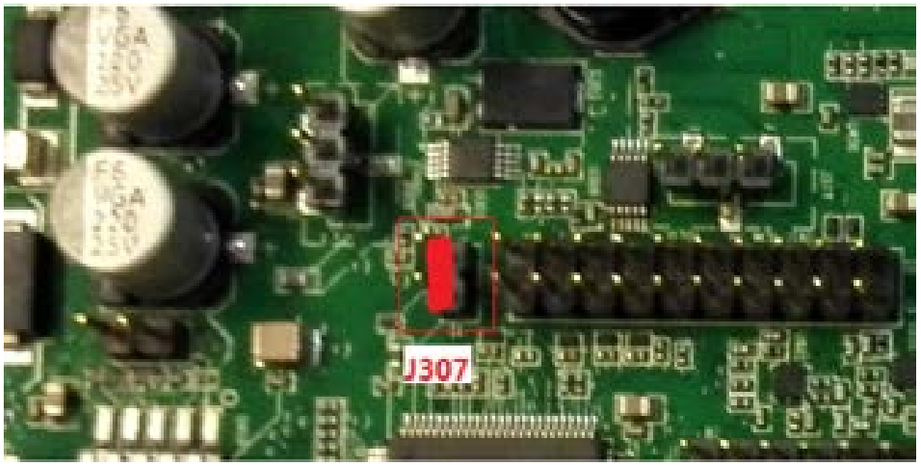


Figure 5 J307’s Pins

After powering the module up, press and hold the Power_on_off (silk-screen is ON_OFF) button for more than 0.5s to turn on the module, as is shown in Figure 6.

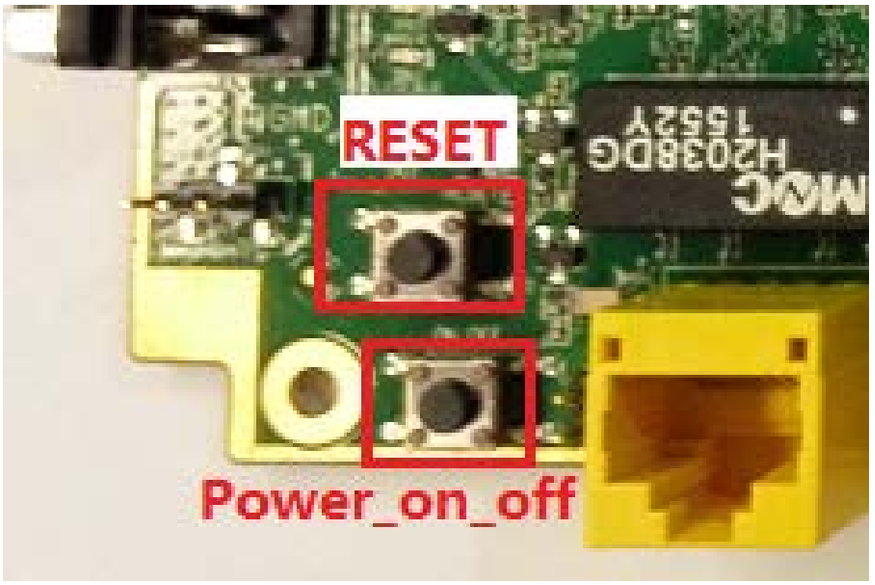


Figure 6 Keys to Turning-on and Reset