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FIGURE 1: REFERENCE CIRCUIT OF USB-OTG APPLICATION 7

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Version history

Date	Version	Description of change	Author
2017-11-25	1.00	Origin	Ma Honggang

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1 Introduction

This document aims to guide customers design the USB-OTG application circuits based on SIM7600 module.

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2. USB application

The module can be used as a host device, customer should design the circuit follow the reference design that illustrated in this chapter.

2.1 Reference design

SIM7600CE supports OTG application, following figure is the reference design.

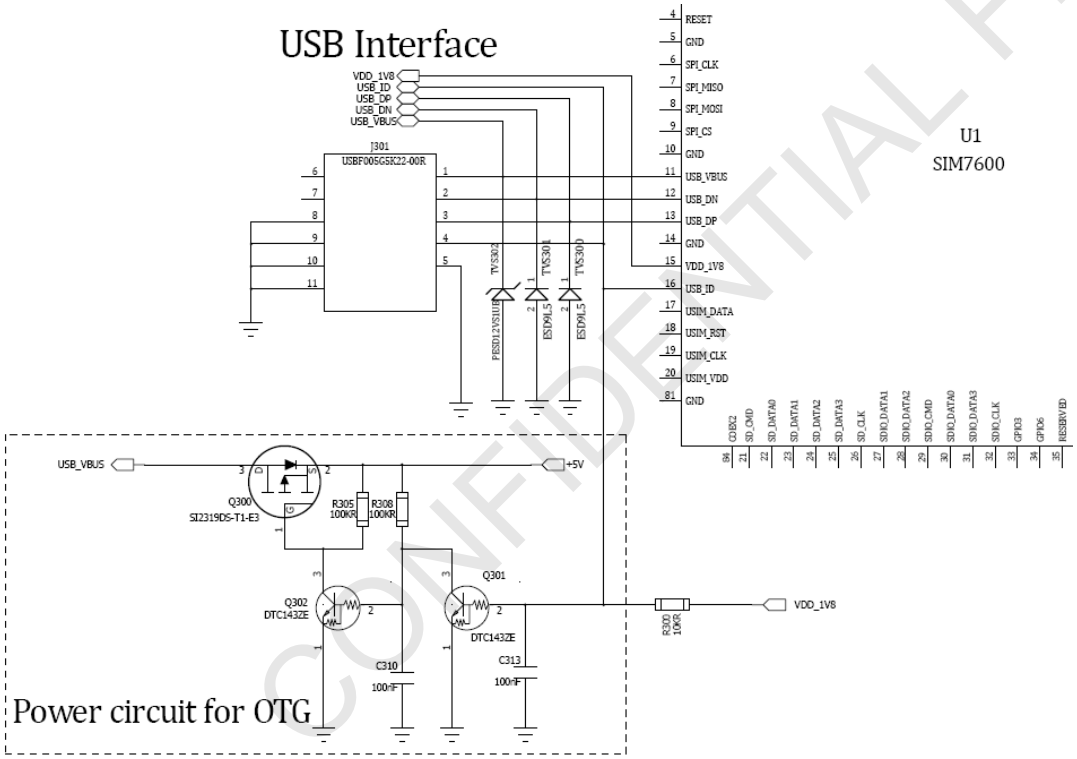

Figure 1: Reference circuit of USB-OTG application

The USB_VBUS pin of SIM7600 could be only used as the USB cable insert detecting, which cannot be taken as a power source for other device, so when customer design a USB-OTG circuit, customer should provide a +5V for USB device. +5V would connect to USB_VBUS when the USB_ID is pulled down, then the module would be used as a host device.

2.2 Software requirement

This function need software support, the version should later than B07V01.

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Contact us:

Shanghai SIMCom Wireless Solutions Ltd.

Add: SIM Technology Building, No.633, Jinzhong Road, Changning District, Shanghai P.R. China 200335

Tel：+86 21 3235 3300

Fax：+86 21 3235 3020

URL：www.simcomm2m.com

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