SIM7080G_TE kit_ User Guide_V1.00

Development Kit

Hardware Design

Reference Design

Software Design

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Version History

Date	Version	Description of change	Author
2019-06-21	1.00	Origin	TuHongjun

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SCOPE

This document give the usage of SIM7080G-TE, user can get useful information about the SIM7080G-TE quickly through this document.

This document applies to SIM7080G series module.

This document is subject to change without notice at any time.
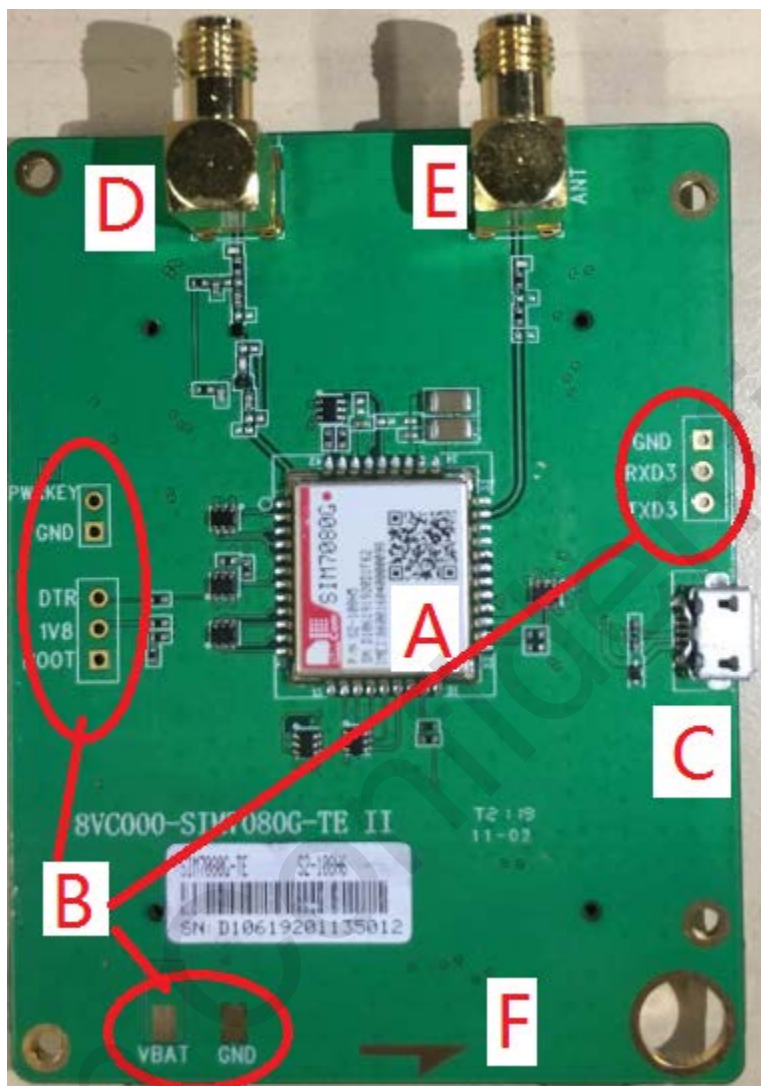
1. Detail description of SIM7080G-TE
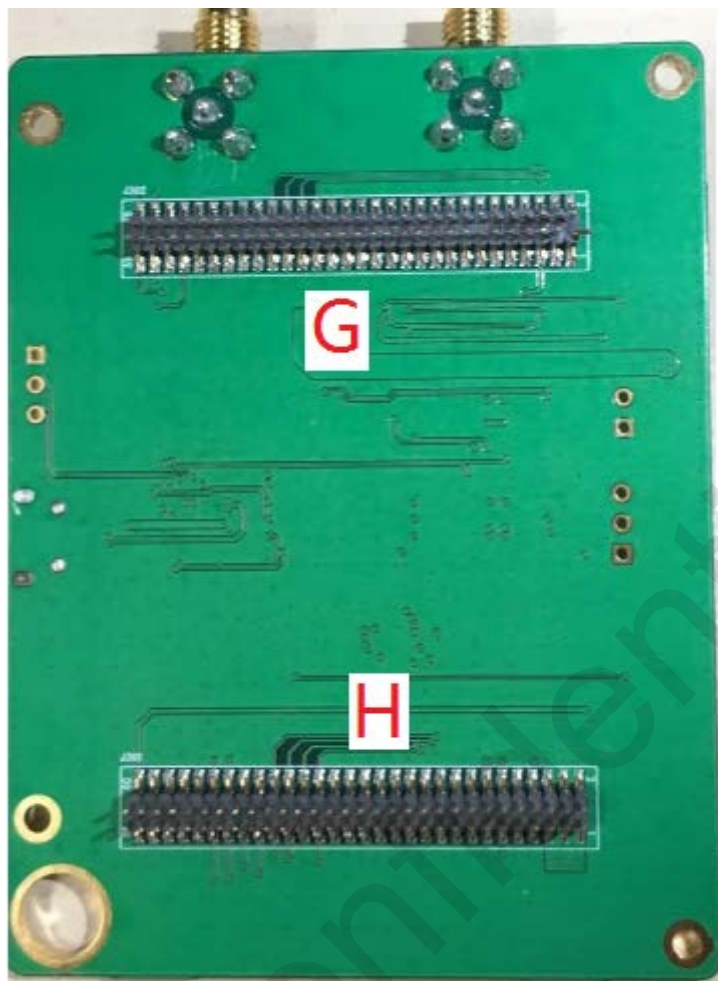

Figure1: TE TopView

Figure2: TE Bottom View

A: Module

B: Test Points

C: Micro USB Connector

D: GNSS Antenna Connector

E: Main Antenna Connector

F: Mark of TE Module direction

G: Connector

H: Connector

2. TE Accessory

Figure3: TE Accessory

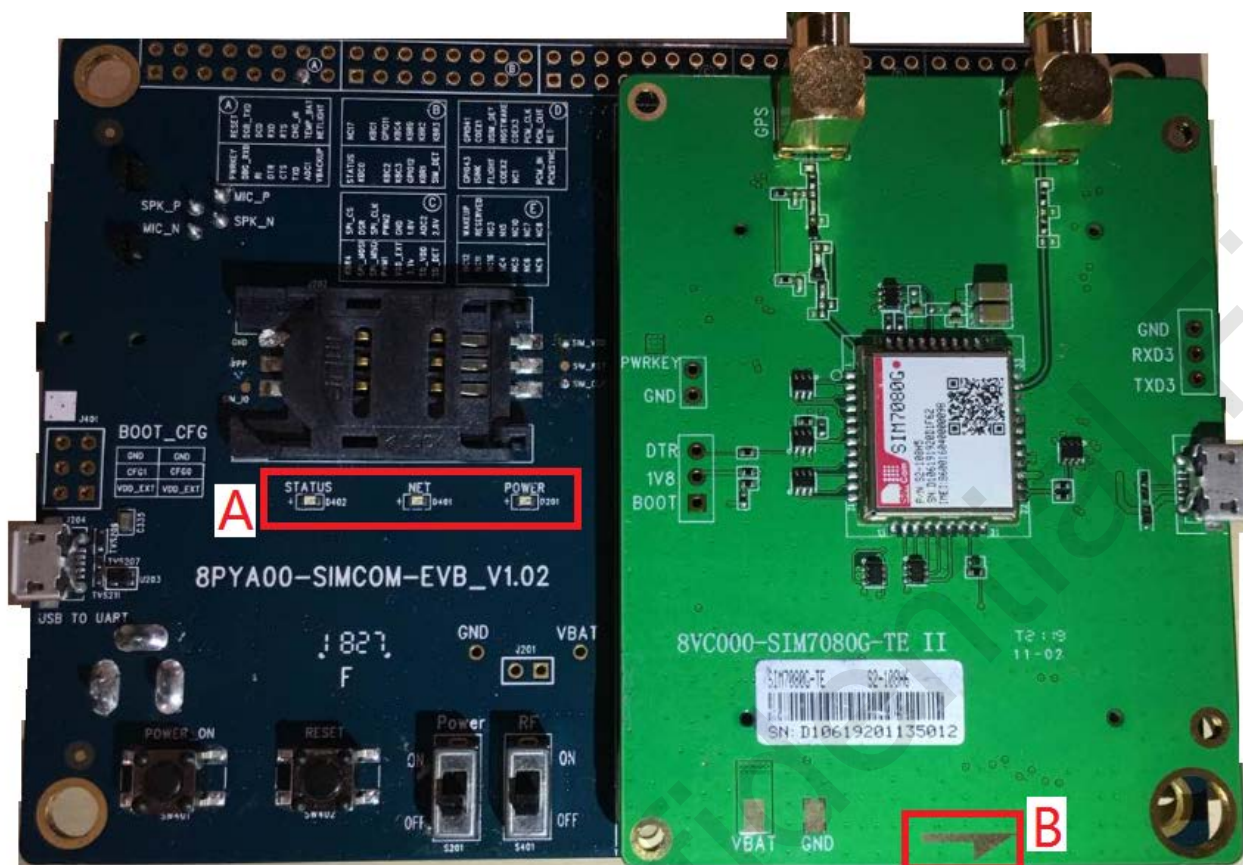A:GNSS Antenna
B:Main and Aux Antenna

Figure4: TE and SIMCOM-EVB Accessory

A: STATUS / NETLIGHT / POWER LED

B: When install SIM7080G-TE to SIMCOM-EVB, please keep arrows aligned on TE and EVB.

NETLIGHT pin status

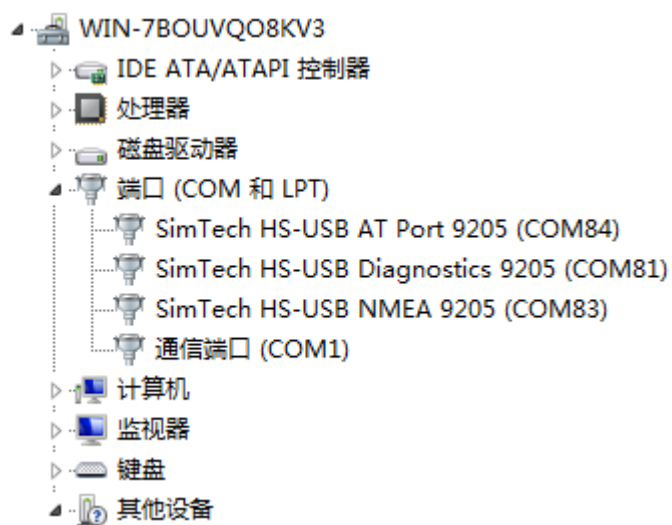| NETLIGHT pin status	Module status
Always On	Searching Network/Call Connect
200ms ON, 200ms OFF	Data Transmit
800ms ON, 800ms OFF	Registered network
OFF	Power off / Sleep

Figure5: USB Ports

(1). HS-USB AT Port: AT communication

(2). HS-USB Diagnostics: Used for debug

(3). HS-USB NMEA: NMEA port supporting NMEA sentences output

Contact us:
Shanghai SIMCom Wireless Solutions Limited.

Address: Building B, No.633 Jinzhong Road, Changning District, Shanghai P.R.China 200335

Tel: +86 21 3157 5100\3157 5200

Email: simcom@simcom.com

Website: www.simcom.com