

SIM7070 Series_TE kit_ User Guide_V1.00



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Version History

Date	Version	Description of change	Author
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Contents

Version History.....	3
Contents	4
1.Detail description of SIM7070 Series TE	7
2. TE Accessory	9

Figure Index

FIGURE1: TE TOPVIEW	7
FIGURE2: TE BOTTOM VIEW	8
FIGURE3: TE ACCESSORY	9
FIGURE4: TE AND SIMCOM-EVB ACCESSORY	10
FIGURE5: USB PORTS.....	11

SCOPE

This document give the usage of SIM7070 Series TE, user can get useful information about the SIM7070 Series TE quickly through this document.

This document applies to SIM7070 Series module.

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1. Detail description of SIM7070 Series TE

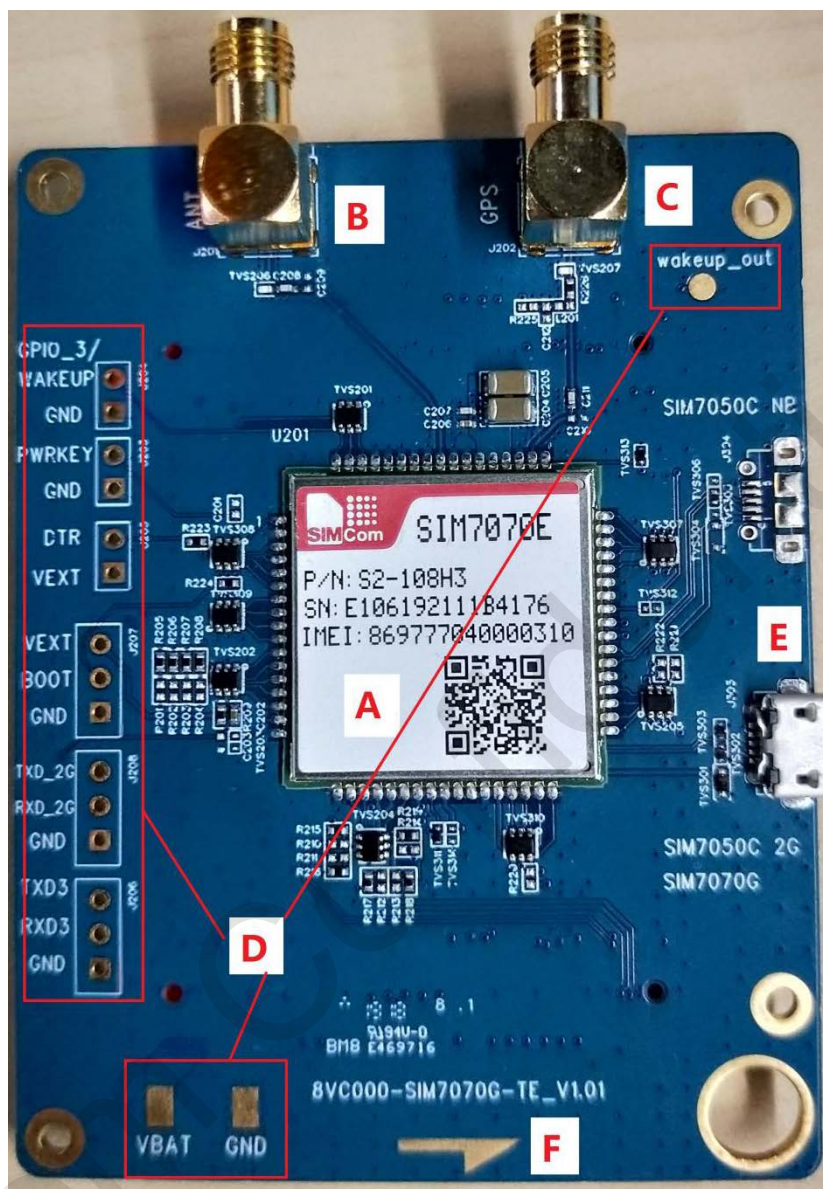


Figure1: TE TopView



Figure2: TE Bottom View

- A: Module
- B: Main Antenna Connector
- C: GNSS Antenna Connector
- D: Test Points
- E: Micro USB 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

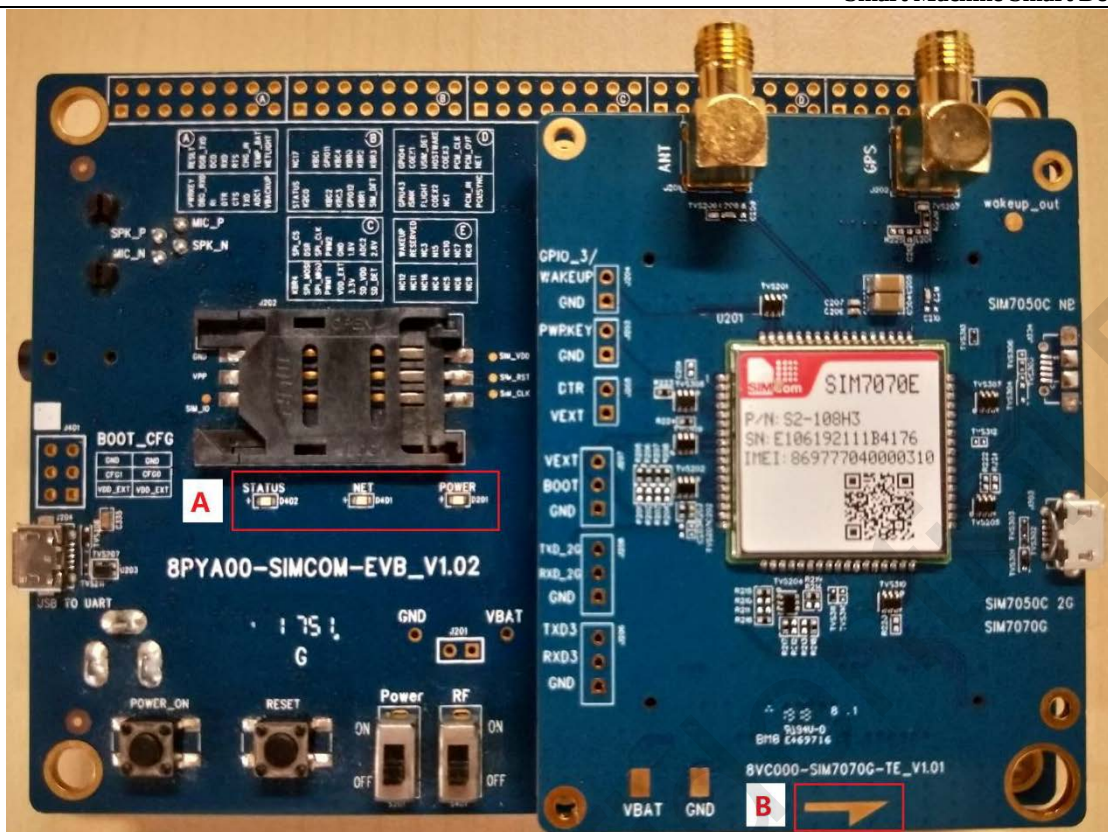


Figure4: TE and SIMCOM-EVB Accessory

A: STATUS / NETLIGHT / POWER LED

B: When install SIM7070 Series TE to SIMCOM-EVB, please keep arrows aligned on TE and EVB.

NETLIGHT pin status

NETLIGHT pin status	Module status
64ms ON, 800ms OFF	No registered network
64ms ON, 3000ms OFF	Registered network (PS domain registration success)
64ms ON, 300ms OFF	Data transmit (PPP dial-up state and use of data services such as internal TCP/FTP/HTTP)
OFF	Power off or PSM mode



Figure5: USB Ports

- (1). HS-USB AT Port: AT communication
- (2). HS-USB Diagnostics: Used for debug and FW upgrade
- (3). HS-USB NMEA: NMEA port supporting NMEA sentences output

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