



A company of SIM Tech

SIM7500A\_SIM7500E\_SIM7500JE\_SIM7500JC\_SIM7500S\_SIM7500SA-TE kit\_User Guide\_V1.01

*Development Kit*

*Hardware Design*

*Reference Design*

*Software Design*

SIMCOM CONFIDENTIAL FILE

<b>Document Title:</b>	SIM7500A_SIM7500E_SIM7500JE_SIM7500JC_SIM7500S_SIM7500SA-TE kit_User Guide
<b>Version:</b>	1.01
<b>Date:</b>	2016-10-25
<b>Status:</b>	Release
<b>Document Control ID:</b>	SIM7500A_SIM7500E_SIM7500JE_SIM7500JC_SIM7500S_SIM7500SA-TE Kit_User Guide_V1.01

### General Notes

SIMCom offers this information as a service to its customers, to support application and engineering efforts that use the products designed by SIMCom. The information provided is based upon requirements specifically provided to SIMCom by the customers. SIMCom has not undertaken any independent search for additional relevant information, including any information that may be in the customer's possession. Furthermore, system validation of this product designed by SIMCom within a larger electronic system remains the responsibility of the customer or the customer's system integrator. All specifications supplied herein are subject to change.

### Copyright

This document contains proprietary technical information which is the property of SIMCom Limited., copying of this document and giving it to others and the using or communication of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights reserved in the event of grant of a patent or the registration of a utility model or design. All specification supplied herein are subject to change without notice at any time.

*Copyright © Shanghai SIMCom Wireless Solutions Ltd. 2016*

## Contents

Contents .....	3
Version History .....	4
1. Introduction.....	5
1.1 Acronyms and abbreviation.....	5
2 SIM7500x –TE Overview .....	6
2.1 Detailed description of SIM7500x-TE .....	6

### Table Index

<b>TABLE 1: ACRONYMS AND ABBREVIATIONS</b> .....	5
--	---

### Figure Index

FIGURE 1: SIM7500X-TE COMPONENTS FUNCTION .....	6
FIGURE 2: ANTENNA .....	7

## Version History

Data	Version	Description of change	Author
2016-7-14	1.00	Origin	Sunshengwu
2016-10-25	1.01	ADD SIM7500E/JE/JC/S/SA Module	Sunshengwu

SIMCOM CONFIDENTIAL FILE

## 1. Introduction

This document give the usage of SIM7500x-TE, user can get useful information about the SIM7500x-TE quickly through this document.

This document is subject to change without notice at any time.

### 1.1 Acronyms and abbreviation

**Table 1: Acronyms and abbreviations**

GNSS	Global Navigation Satellite System
USB	Universal Serial Bus

## 2 SIM7500x –TE Overview

### 2.1 Detailed description of SIM7500x-TE

This chapter introduces the functions of each component. The components C/D/G are the MAIN\_ANT/ GNSS\_ANT / AUX\_ANT SMA connectors, and the connectors B/E/F are reserved for dug.



Figure 1: SIM7500x-TE components function

A: USB interface, support USB communication with SIM7500x .

B: AUX\_ANT RF connector

- C: AUX\_ANT SMA connector.
- D: GNSS\_ANT SMA connector.
- E: GNSS\_ANT RF connector.
- F: MAIN\_ANT RF connector.
- G: MAIN\_ANT SMA connector.



**Figure 2: Antenna**

- H: GNSS Antenna
- I: MAIN and AUX Antenna

**Note:** *SIM7500A-TE kit do not have GNSS Antenna .*

---

**Contact us:**

**Shanghai SIMCom Wireless Solutions Ltd**

Add: SIM Technology Building A,

No. 633, Jinzhong Road, Shanghai, P. R. China 200335

Tel: +86 21 3252 3300

Fax: +86 21 3252 3020

URL: [www.simcomm2m.com](http://www.simcomm2m.com)

SIMCOM CONFIDENTIAL FILE