EWT550-7G9T10SP User Manual

Ultra-wideband (UWB) ranging and positioning module test kit



Chengdu Ebyte Electronic Technology Co.,Ltd.

Table of contents

Disclaimer and Copyright Notice **1**

1. Overview **2**

1.1 Product Introduction 2

1.2 Module Features 2

2. Hardware Description **3**

Revision History **4**

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The test data obtained in this article are all obtained by Ebyte laboratory testing, and the actual results may be slightly different.

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Notice:

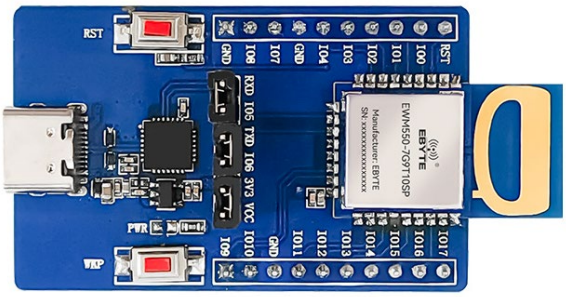
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1. Overview

1.1 Product Introduction

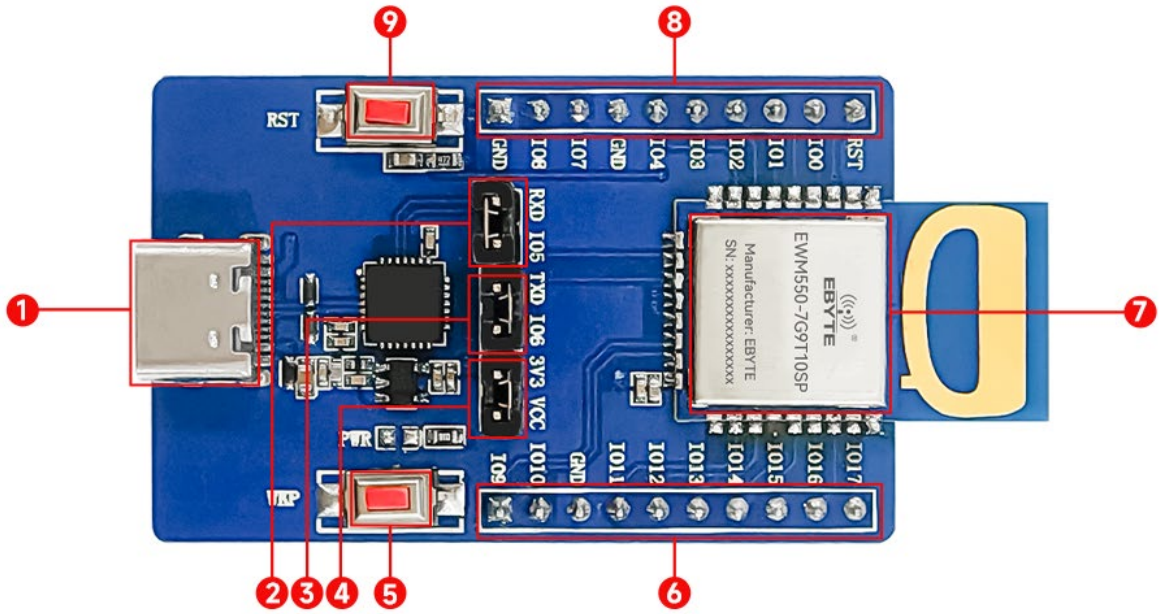
The EWT550-7G9T10SP is a test board for the EWM550-7G9T10SP module, significantly reducing the user's development and testing cycles. For detailed information on the EWM550-7G9T10SP , please visit the official website to download relevant information for this model .



- Pre-soldered module EWM550-7G9T10SP;
- Support two-way ranging;
- Provides Type C interface, users can directly connect to the computer for debugging;
- All module pins have been brought out
- Stable work and easy to develop

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2. Hardware Description



Serial number	Name	Illustration
1	Type-C interface	For power supply and data communication
2	RXD	Serial port RX jumper cap, default connection
3	TXD	Serial port TX jumper cap, default connection
4	3.3V	Power jumper cap, default connection
5	WKP	Wake-up pin
6	Pin header pins	Lead-out module pins
7	Module EWM550-7G9T10SP	Pre-soldered modules
8	Pin header pins	Lead-out module pins
9	RST	Reset button

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Revision History

Version	Revision Date	Revision Notes	Maintainer
1.0	2025-08-01	Initial version	Lei

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