WT-EVK6ULX Quick Start Guide

Revision history

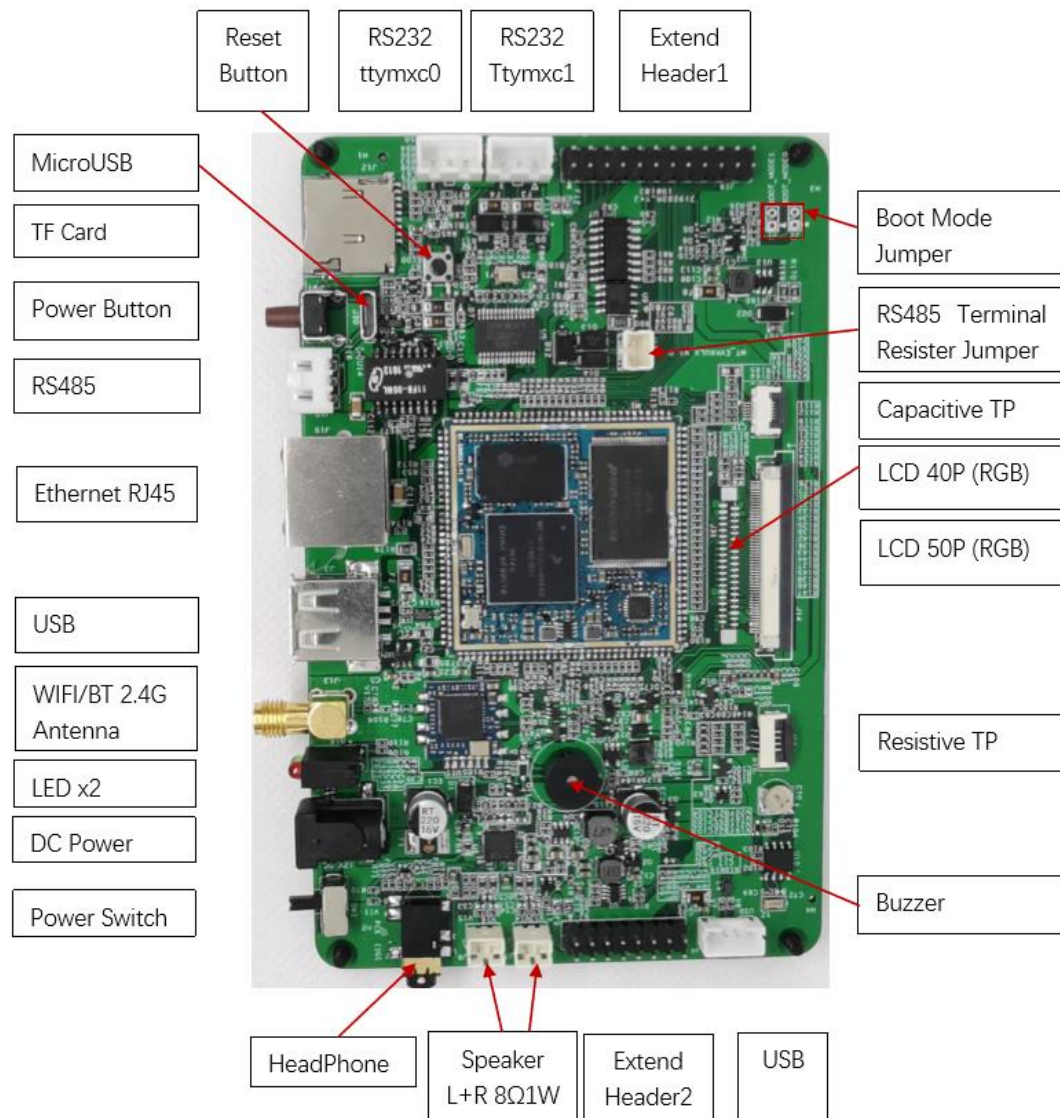| Version	Date	Description
V1.00	2019/03/07	Issue

1. WT-EVK6ULX interface description

Figure 1.PCB Front interface diagram

2. Quick start system

Firstly, please check the development board and related accessories:

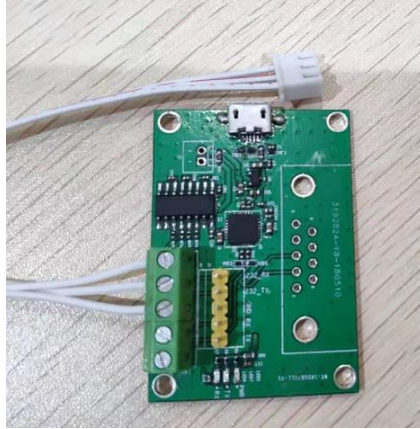| WT-EVK6ULX development board	X1	development board one set
7" capacitive screen TP	X1	
7" LCD screen	X1	Resolution 1024*600
USB to serial debugging board	X1	USB to serial debugging tool

Figure 2. USB to serial debugging board
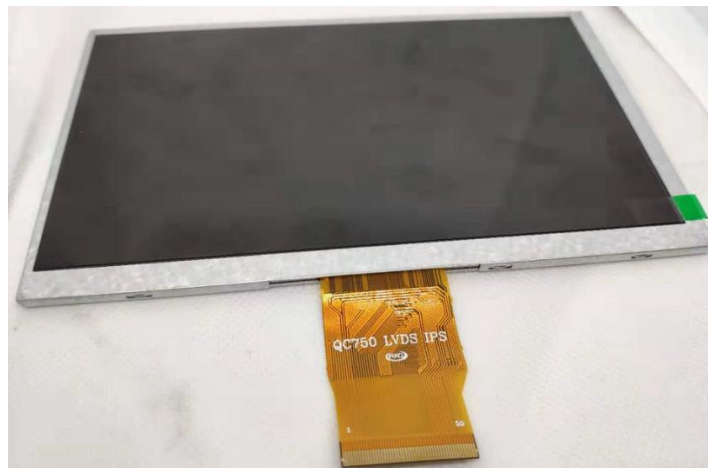

Figure 3. 7" capacitive screen TP

Figure 4. 7" LCD screen

Connect the development board and accessories as shown in Figure 5, and operate:

1) Insert one end of the USB to the serial board into the 3PIN plug of the development board and insert J8.Connect the micro USB end to the USB port of the PC. **Note:** Firstly, you need to install the driver CP2101 of the USB to serial debugging board on the PC. For the installation method, please refer to the following link:

2) Connect the 7-inch LCD screen to J14, and pay attention to the fpc cable with the gold finger facing down.
3) Connect the 7-inch capacitor tp to J16, pay attention to the fpc cable with the gold finger facing down.
4) Finally, connect 12V DC power supply, and toggle switch SW3 to DC seat direction (to the left)

After the system starts normally, the LED light will flash continuously, open the serial port debugging tool (such as SecureCRT, or XShell, PuTTy, etc.) on the PC, and the serial port will have the system print information output.
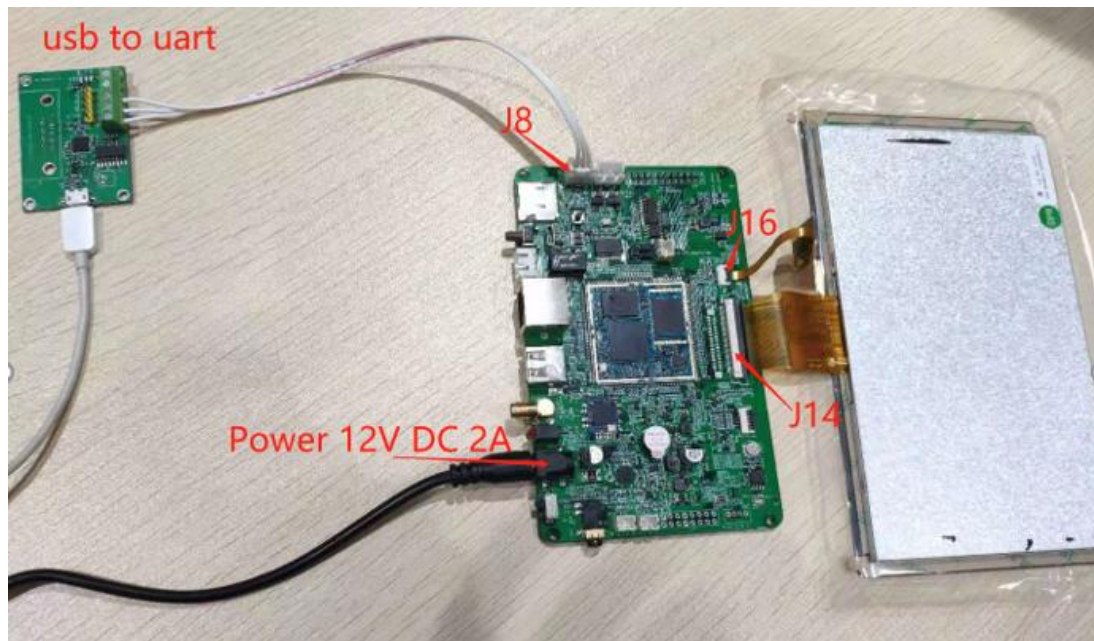

Figure 5. Development board startup connection

3. Log in to the system and test the hardware interfaces

After the system is started, enter the username root and no password to enter the system. The default system version number is V4.1.15.

For testing the hardware interface of the development board, refer to the "WT-EVK6ULX Development Board Hardware Interface Test Manual".

4. Technical support

Technical support, please send email to: vivek@wireless-tag.com.