

FT600X-LINK

IDE development environment: The upper computer software installation needs to be XP and above.

USB1:The USB port is connected to the PC.

J11: The program target MCU communication control ports, from top to bottom, are:

VCC--> Target IC VCC

GND-> Target IC GND

CLK-> Target IC PA0

DATA--> Target IC PA1

P1: External Power external power input port

J7: Download board GND

J8: Target MCU 3.3V power supply selection

J9: Target MCU 3.7V power supply selection

J10: Target MCU5V power supply selection

J13: external input power

(Note: There are four short-circuit points for J8, J9, J10, and J13, and only one of them can be shorted)

SPWB1: Download board reset button

D1: Indicator light

1. Red LED (always on): Power-on indication, at this time FMDlink did not communicate successfully with the PC.

2. Green LED (always on): FMDlink and PC are connected

3. Yellow LED (always on): FMDlink is in Boot mode, waiting for the firmware to be updated online

4. Yellow LED (flashing): FMDlink is working

Precautions

1. The connection between the PC host and the IDE development board is very simple that is, the standard USB interface, and there is no need to install additional drivers to use FMDlink

The first time you use it plug in the PC and the system will automatically install the driver and you can use it normally when the driver is installed

2. All power supplies of the FMDlink board are powered by a PC via a USB port of 5V. When the user uses the FMDlink board to debug the target IC, it can be directly powered by FMDlink, and the supply voltage can be adjusted by switching the short-circuit cap. The voltages available for the board are 3.3V, 3.7V and 5V. At the same time the supply voltage can be adjusted by switching the short-cut cap. Only one of the short-circuit caps can be shorted based on them if the user needs an external power supply, you need to disconnect the power supply of the target board, and then connect the external power supply to the external power interface of the FMDlink board, and then the power supply is sent to the target board through the VCC of the Program interface, this external power. The maximum input voltage of the interface cannot exceed 12V

3. Every time you switch the power supply or replace the target IC, you need to press the reset button on the FMDlink board to reconnect the target IC. When the LED light on the FMDlink board turns green, it means that the communication with the host computer is successful, and the host computer can only be operated at this time.