

USB AVR JTAGICE



Features

- 15CM 10 Pins Cable
- Over-current protection
- Wide voltage, down to 3.3V
- Buffer chip to protect mistake operation
- This emulator firmware unlimited upgrades, up and down are compatible, support AVR STUDIO Software latest 4.12/4.14/4.16/4.17/4.18
- **This is JTAG, not suitable for ISP programming.**

About JTAG

AVR JTAG is a complete set of the JTAG interface-based on-chip debugging tools for Atmel's AVR Studio + iccavr, or WINAVR, support all AVR 8-bit RISC instruction with a JTAG port microprocessor. JTAG interface is a 4-wire test access port (TAP) controller that comply with the IEEE 1149.1 standard. IEEE standards to provide an effective test of the circuit board connection standard methods (boundary scan). Atmel AVR devices have extended support full programming and on-chip debug function.

AVR JTAG emulator used for chip hardware emulation program single stepping, setting breakpoints, hardware emulation can understand the detailed operation of the chip inside the program. AVR JTAG emulator is used to simulate the operation of the chip, and also can chip programming through the JTAG interface (the program into the chip).

USB AVR JTAGICE 仿真器

(support OS : xp-win10)

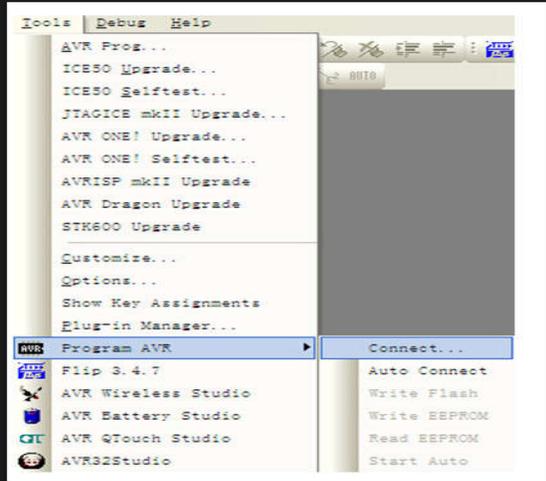


- 1, 采用FT232RL USB转串口, 原装正品, 支持操作系统: linux, MACOS, windows (XP-WIN10及以上);
- 2, 支持AVR Studio 4.XX
- 3, JTAG接口, 支持2.7-5.5V接口电平;
- 4, 精致小巧外壳, 仅5.6x7.4x2.7cm



avr studio4.18下使用指南

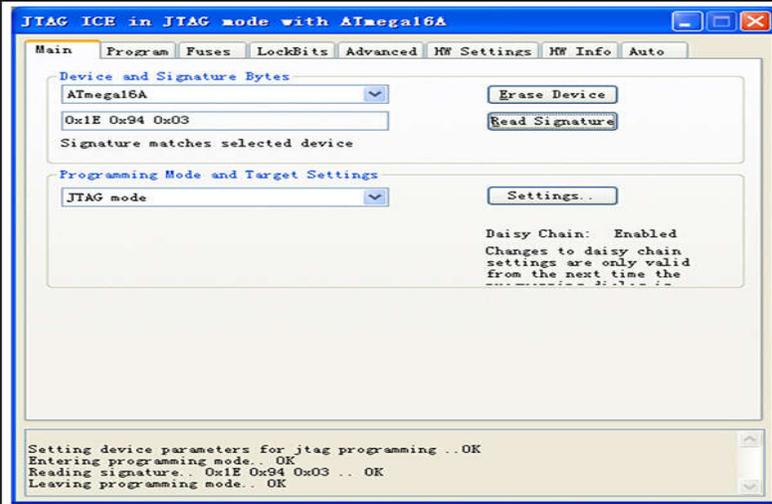
首先将JTAG ICE连接到目标板且目标板自己上电，连接JTAG ICE到电脑，点击Tools下的connect



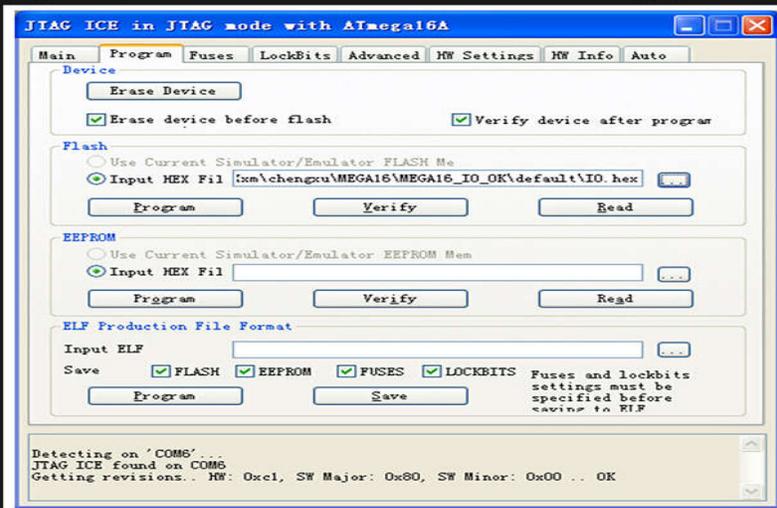
进入仿真器连接界面，选择JTAG ICE和相应的串口号（串口号在9以内），点击connect。



连接上之后选择对应的芯片，接口选择JTAG mode，点击read signature读取芯片的signature，



programming界面可进行程序下载，若要调试，在编译通过后点击start debugging即可。



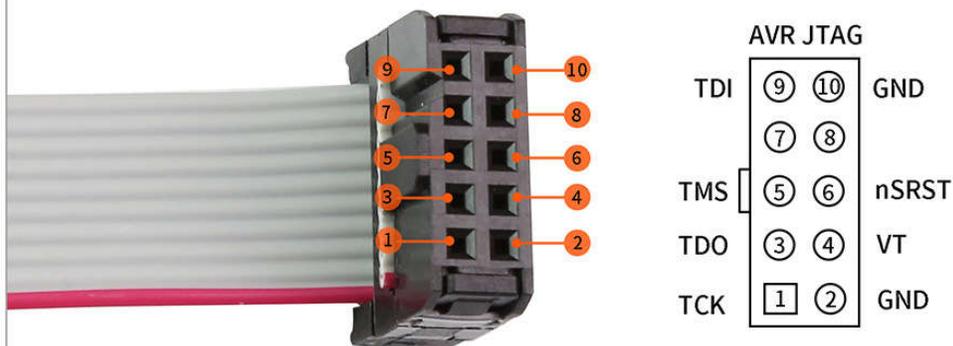
支持器件

ATmega16	ATmega16L	ATmega16A	ATmega162	ATmega162V
ATmega165	ATmega165V	ATmega169	ATmega169V	ATmega32
ATmega32L	ATmega32A	ATmega323	ATmega323L	ATmega64
ATmega64L	ATmega64A	ATmega128	ATmega128L	ATmega128A

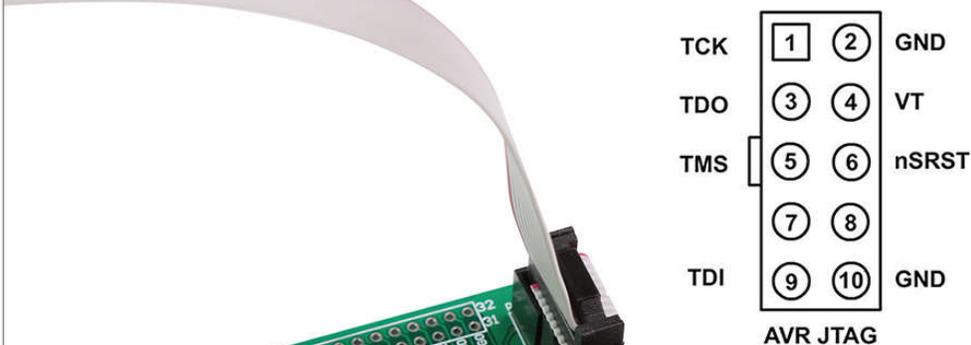
注意：不同版本的AVRSTUDIO支持的器件可能有所不同，请在当前安装的AVRSTUDIO下确认相应的目标芯片

接口定义

BOTTOM VIEW (底部视图)



TOP VIEW (俯视图)



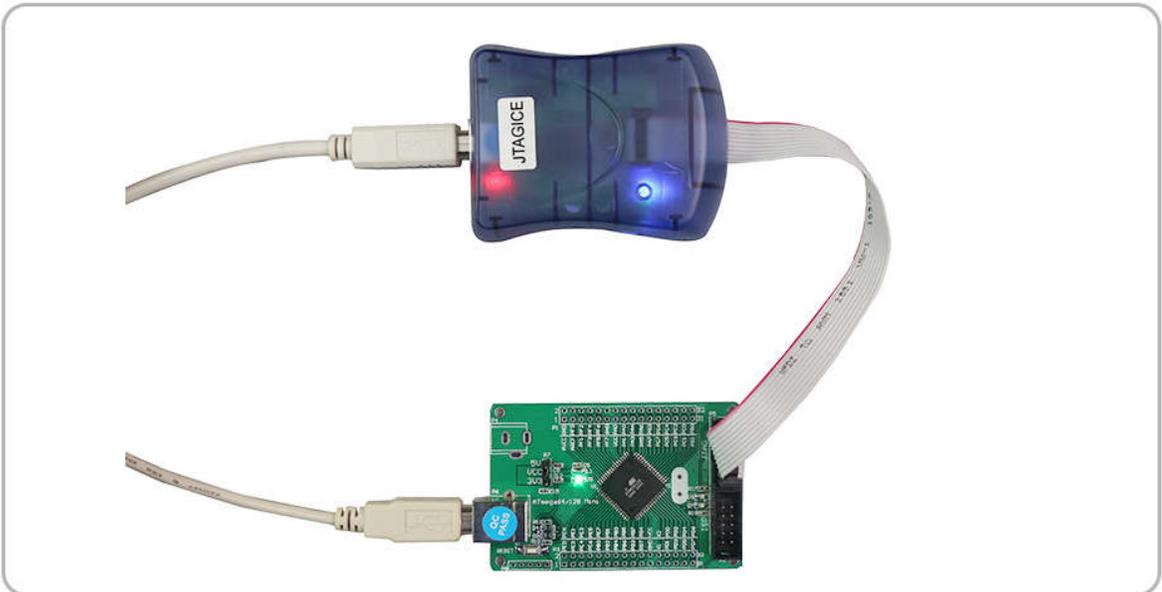
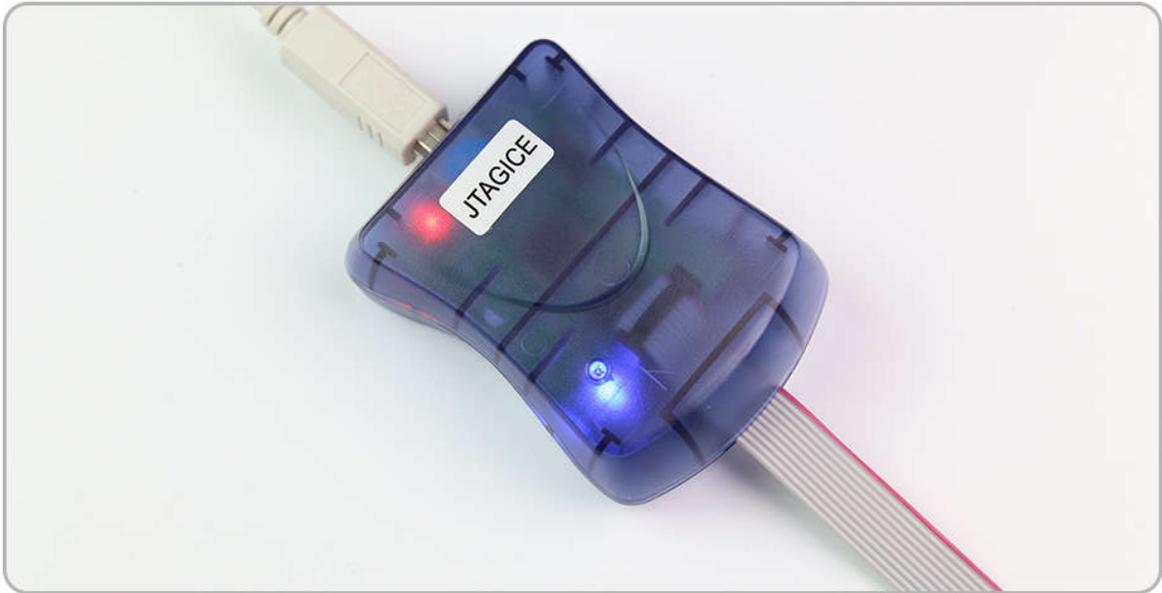


1, USB 边上的红色 LED 指示灯, 文字:
仿真器电源指示灯, 插上 USB 即亮起红色 LED

2, 前面的 LED 灯, 文字:
目标板电源指示灯, 目标板上电且正确连接到仿真器后绿色 LED 亮起 (绿色 LED 和蓝色 LED 靠很近, 需要仔细观察)

3, 还是前面的 LED 灯, 文字:
仿真器工作状态指示灯, STUDIO 未连接前亮蓝灯, 连上后熄灭, 有数据传输时快闪

Product Photograph



size

