Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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AVR® MICROCONTROLLERS

AVR® ISP In-System Programmer

COMPACT AND EASY-TO-USE TOOL FOR AVR IN-SYSTEM PROGRAMMING

The Atmel® AVR ISP is an In-System Programmer for Atmel's AVR® Flash microcontrollers. The AVR ISP gives the designer a compact and reliable programming tool to program all In-System Programmable AVR microcontrollers through a 6- or 10-pin ISP connector. The AVR ISP uses AVR Studio®, Atmel's Integrated Development Environment (IDE) for code writing and debugging.

The programming software can be controlled from both a Windows® environment and a DOS command-line interface.

- AVR Studio Operated
- Serial In-System Programming
- RS-232 Interface to PC
- Upgrades are done from AVR Studio
- Target Voltage 2.7 – 6.0V
- Powered from Target. No Need for Additional Power Supply

ATMEL®

AVR ISP — AVR In-System Programmer

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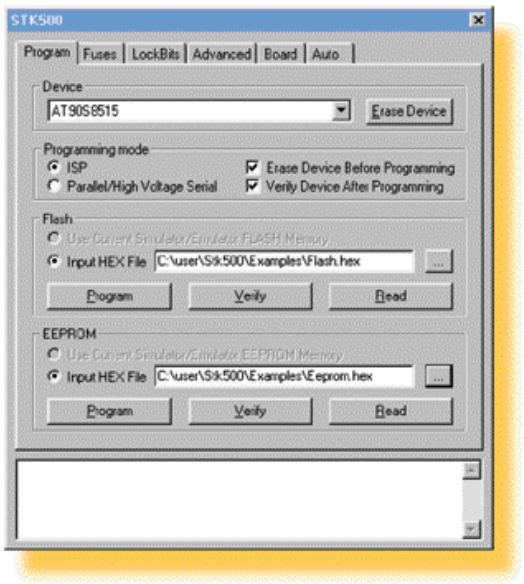
The AVR ISP is a compact and easy-to-use In-System Programming tool for developing applications with Atmel's AVR microcontrollers. Due to the small size, it is also an excellent tool for field upgrades of existing applications using AVR microcontrollers. The AVR ISP is powered by the target application and an additional power supply is thus not required for AVR ISP Programmer.

The AVR ISP Programming interface is integrated in AVR Studio. The Flash, EEPROM and all Fuse and Lock Bit options ISP-programmable can be programmed individually or with the sequential automatic programming option. The AVR clock frequency and supply voltage can also be controlled from AVR Studio.

A DOS Programming software is included for efficient batch programming in a production environment.



Supported Devices

ATtiny12	AT90S4414	ATmega8535	ATmega64
ATtiny15	AT90S2343	ATmega161	ATmega103
ATtiny22	AT90S4433	ATmega162	ATmega128
ATtiny26	AT90S4434	ATmega163	AT89551
AT90S1200	AT90S8515	ATmega16	AT89552
AT90S2313	AT90S8535	ATmega169	AT86RF401
AT90S2323	ATmega8	ATmega323	
AT90S2333	ATmega8815	ATmega32	

Note: Low power versions are also supported.

Ordering Information

The AVR ISP is available from Atmel franchised distributors.

The ordering code is **ATAVRISP**

The latest version of AVR Studio is available free of charge from Atmel web site: www.atmel.com

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