

Device Support:

- ◆ ATtiny12
- ◆ ATtiny15
- ◆ ATtiny22
- ◆ AT90S1200
- ◆ AT90S2313
- ◆ AT90S2323
- ◆ AT90S2343
- ◆ AT90S4433
- ◆ AT90S8535
- ◆ AT90S8515
- ◆ ATmega8(W)
- ◆ ATmega16 (W)
- ◆ ATmega64 (W)
- ◆ ATmega103
- ◆ ATmega323 (W)
- ◆ ATmega128 (W)
- ◆ ATmega161 (W)
- ◆ ATmega163 (W)

W - Device not available on Windows 3.1

PC Requirements:

- ◆ Win95/98/ME
- ◆ Win2000/NT4
- ◆ Windows 3.1

AVR ISP

In-System Programming for AVR Devices



In-System Programming

Configuring your system for In-System-Programming is simple. All you need is a header on your board. You then power-up the board, plug in the Kanda cable and you are ready for ISP. Free support and troubleshooting on enabling your application for ISP is available from our expert support department.

Production Programming

Customise your products at the end of the line, and tailor them to your sales. Or just build your product and program the microcontroller later - no more gang programmer and adapter worries.

Field Upgrades/Repairs

Do you have standard fixes that can be corrected with set files? ISP is a quick and easy way to program in the field. Connects to most laptops via the parallel port. Note: if you require a serial port connection, then view our PSI-ISP programmer

ISP - Connector

The ISP Connector required on your target system is the same as that on the STK200, STK300 and the Kanda Keyfobs.

MISO	SCK	RESET	LED	MOSI
9	7	5	3	1
10	8	6	4	2
GND	GND	GND	GND	Vcc

Device List

This ISP programmer programs all the features of all the following devices:

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Other Features

- ◆ Device support update available from internet
- ◆ Uses standard Kanda connector (now AVR standard)
- ◆ AVR ISP for Windows Software to program your devices includes:
 - ◆ Project Management
 - ◆ File Load/Save/Modify
- Supported Intel Hex, Atmel Generic & Motorola S-Record Formats
- ◆ Buffer editing facilities, allowing full ASCII/HEX data manipulation

Related Products

Do also check out our AVR PSI product. This offers vastly superior programming times compared to the AVR ISP. It also has a serial port as well as a parallel port connection. We also have a range of development boards (STK200, STK300) which are available bundled with this product.

OS Support

This product has support for most Windows versions including Win 3.1, 95, 98, 2000, XP and ME. A separate upgrade is available if you already own a Kanda AVR ISP and want new OS support or support for newer AVR devices - see order code AVRISPUP

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Order Code:

NAVRISP