

Microcontrollers

- AVR 8- and 32-bit MCUs
- 32-bit AVR UC3 MCUs
- AVR XMEGA MCUs
- **megaAVR MCUs**
- tinyAVR MCUs
- Battery Management MCUs
- Automotive AVR MCUs
- SMART ARM-based MCUs
- 8051 Architecture

Touch Solutions

Automotive

Wireless Connectivity

Smart Energy

Memory

Drivers and Sensors

Security ICs

Programmable Logic

Analog

Rad Hard

Digital Broadcast

Microcontroller Selector

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AVRISP mkl

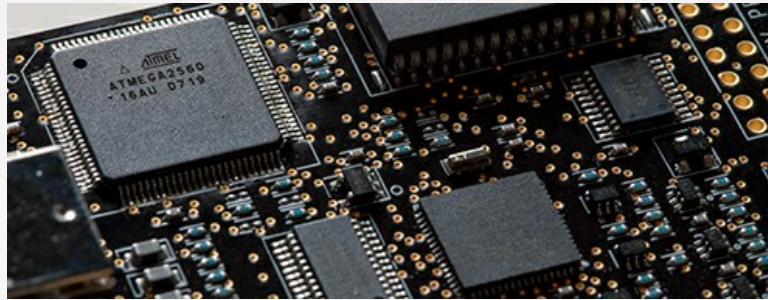
Overview

Devices

Documents

Applications

Related Tools



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This tool is used for field upgrades of Atmel 8-bit AVR microcontrollers with ISP or PDI interfaces. Using the included AVR Studio® software, designers can program tinyAVR and megaAVR devices using the ISP Interface, tinyAVR devices using the TPI interface, and AVR XMEGA devices using the PDI Interface.

For more information, please visit the [Online User Guide](#).

Key Features

- **Programs both flash and EEPROM**
- **Supports fuses and lock bit programming**
- **Upgradeable for future device support**
- **Supports target voltages from 1.8V to 5.5V**
- **Adjustable ISP programming speed (50Hz to 8MHz SCK frequency)**
- **USB 2.0 compliant (full speed, 12Mbps)**
- **Powered from USB, does not require external power supply**
- **Target interface protection**
- **Short-circuit protection**

Ordering Information

Ordering Code	Atmel Store Availability ¹	Unit Price ²	Buy Online
ATAVRISP2			Check Distributor

¹Backlog orders can be placed for items currently not available.

²Suggested retail price per unit for budgetary use only.



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Products

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- Wireless Connectivity
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- Memory
- Drivers and Sensors
- Security ICs
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Applications

- Automotive
- Building Automation
- Home Appliances
- Home Entertainment
- Industrial Automation
- Lighting
- Internet of Things (IoT)
- Smart Energy
- Mobile Electronics
- PC Peripherals

Support

- Boards and Kits
- Tools and Software
- Development Tools
- Document Library
- Training
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- Third-Party Tools/Support
- Design Consultants

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