

Microcontrollers

- AVR 8- and 32-bit MCUs
- SMART ARM-based MCUs
 - SAMA5 MPUs
 - SAM C MCUs
 - SAM D MCUs**
 - SAM E MCUs
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 - SAM L MCUs
 - SAM S MCUs
 - SAM V MCUs
 - SAM3N MCUs
 - SAM3S MCUs
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 - SAM3X MCUs
 - SAM7S/SE MCUs
 - SAM7X/XC MCUs
 - SAM9XE MCUs
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 - SAM9R MPUs
 - SAM9G MPUs
 - SAM9X MPUs
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- Legacy Products
- 8051 Architecture

Touch Solutions

Automotive

Wireless Connectivity

Smart Energy

Memory

Drivers and Sensors

Security ICs

Programmable Logic

Analog

Rad Hard

Digital Broadcast

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Atmel SAM-ICE – a JTAG emulator for Atmel ARM-based MCUs

Overview

Devices

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Atmel SAM-ICE™ is a JTAG emulator designed for Atmel SAMA5, SAM3, SAM4, SAM7 and SAM9 ARM® core-based microcontrollers, including the Thumb® mode. It supports download speeds up to 720K Bytes per second and maximum JTAG speeds up to 12 MHZ. It also supports Serial Wire Debug (SWD) and Serial Wire Viewer (SWV) from SAM-ICE hardware V6.

Key Features

- **J-Link compatible mode**
- **RDI compliant**
- **No power supply required (powered through USB port)**
- **Auto speed recognition**
- **Monitors JTAG signals, measures target voltage**
- **GDB server support**

Ordering Information

Ordering Code	Atmel Store Availability ¹	Unit Price ²	Buy Online
AT91SAM-ICE			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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Applications

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

Support

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