

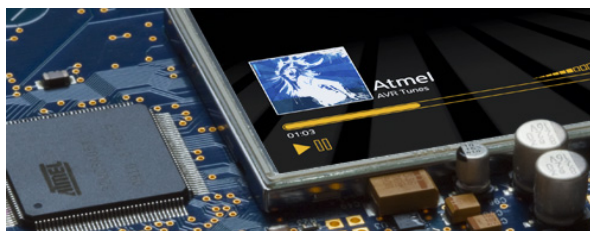


Home > Products > Microcontrollers > AVR 8- and 32-bit MCUs > 32-bit AVR UC3 MCUs

SHARE Print

Atmel-ICE

Overview Devices Documents Applications Related Tools



Get Started

We'll tell you all you need to know to start evaluating and working with this product.

- » Start Now
- » Contact Sales
- » Request Samples
- » Sign-up for News

Related Items

- » Atmel Studio 6
- » Atmel Xplained
- » Third Party Support
- » Consultants
- » University Program
- » AVR FAQs
- » Technical Support
- » What's Changed
- » Mature Devices

Atmel-ICE is a powerful development tool for debugging and programming Atmel ARM® Cortex®-M based Atmel SAM and AVR® microcontrollers with on-chip debug capability.

Atmel-ICE supports:

- Programming and on-chip debugging of all Atmel AVR 32-bit MCUs on both JTAG and aWire interfaces
- Programming and on-chip debugging of all Atmel AVR XMEGA® family devices on both JTAG and PDI 2-wire interfaces
- JTAG and SPI programming and debugging of all Atmel AVR 8-bit MCUs with OCD support on either JTAG or debugWIRE interfaces
- Programming and debugging of all Atmel SAM ARM Cortex-M based MCUs on both SWD and JTAG interfaces
- Programming of all Atmel tinyAVR® 8-bit MCUs with support for the TPI interface

Key Features

- Supports JTAG, SWD, PDI, TPI, aWire, SPI and debugWIRE interfaces
- Full source-level debugging in Atmel Studio
- Supports all built-in hardware breakpoints in the target microcontroller (number depends on the OCD module in the target)
- Up to 128 software breakpoints
- 1.62 to 5.5V target operation
- USB powered
- Provides both ARM Cortex Debug Connector (10-pin) pin-out and AVR JTAG connector pin-out

Ordering code: ATATMEL-ICE

Buy Tool

Check distributor inventory

Software Description

- AVR BSDL files**
 (129333, updated October 2009)
 Zip archive with BSDL files for Atmel AVR devices.
- megaAVR BSDL files**
 (79760, updated October 2009)
 Zip archive with BSDL files for Atmel megaAVR devices.



Products Microcontrollers Touch Solutions Automotive Wireless Connectivity Smart Energy Memory Security ICs More Products	Applications Automotive Building Automation Home Appliances Home Entertainment Industrial Automation Lighting Internet of Things Smart Energy Mobile Electronics PC Peripherals	Technologies Low Power High Performance Touch Wireless CPU Core Secure Technology	Design Support Tools and Software Documentation Training Communities Support Resources Third-Party Tools/Support	About Atmel Corporate Press Room Contact Atmel Investors Careers Suppliers Embedded Design Blog Quality Compliance	Contact Atmel Buy Atmel Store Support Communities
--	--	--	---	--	--