



All



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Part Number: ATATMEL-ICE

ATMEL-ICE ☆

- Supports JTAG, SWD, PDI, TPI, aWire, SPI, debugWIRE and UPDI 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

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In Stock : 2187 (Processes Immediately)

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Quantity: 1

USD/unit: \$203.65



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Overview

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

Atmel-ICE supports:

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

Package Contents

- Encapsulated main unit
- USB cable
- 10-lead squid cable
- Flat cable (10-pin 50mil connector and 6-pin 100mil connector)
- Adapter board (20-pin 100mil connector, 6-pin 50mil connector and 10-pin 100mil connector)

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- ATATMEL-ICE: Encapsulated main unit, USB cable, 10-lead squid cable, flat cable (10-pin 50mil connector and 6-pin 100mil connector) and adapter board (20-pin 100mil connector, 6-pin 50mil connector and 10-pin 100mil connector)
- ATATMEL-ICE-BASIC: Encapsulated main unit, USB cable and flat cable (10-pin 50mil connector and 6-pin 100mil connector)
- ATATMEL-ICE-PCBA: PCB assembly of main unit only, no cables
- ATATMEL-ICE-ADPT: 10-lead squid cable, flat cable (10-pin 50mil connector and 6-pin 100mil connector) and adapter board (20-pin 100mil connector, 6-pin 50mil connector and 10-pin 100mil connector)
- ATATMEL-ICE-CABLE: Flat cable (10-pin 50mil connector and 6-pin 100mil connector)



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All Application Notes

Documentation

Title		Favorites
DGILib User Guide	Download	☆
Data Gateway Interface User's Guide	Download	☆
Atmel-ICE User Guide	Download	☆

Software

Title	Date	
DGILib.dll	Download	30 May 2018

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