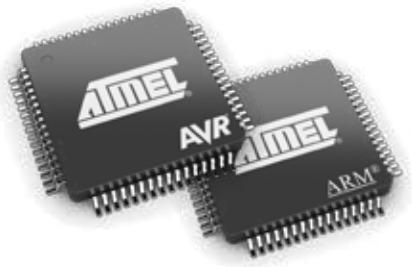
Atmel Studio 6
Integrated Development Environment
Two Architectures, One Studio

Atmel® Studio 6 is the integrated development environment (IDE) for developing and debugging embedded applications based on Atmel AVR® and ARM® Cortex™-M microcontrollers (MCUs) in C/C++ and assembly code. The IDE makes editing and debugging source code easier by seamlessly bringing together an intelligent editor with assisted code writing, a wizard for quickly creating new projects, the Atmel Software Framework with free source code library, a GNU C/C++ Compiler, a powerful simulator, and the front-end for all Atmel programmers and in-circuit debuggers.

Atmel Studio 6 is free of charge and available for download at www.atmel.com/atmelstudio.

What's New in Atmel Studio 6

- Support for Atmel ARM Cortex-M based MCUs
- Fully integrated Atmel QTouch® Composer
- Full support for C++

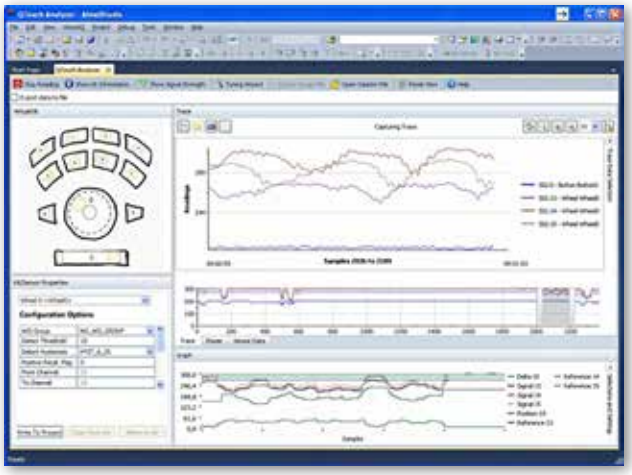


Your Avenue to Atmel AVR and ARM Cortex-M Based MCU Design

Designers using AVR MCUs are already familiar with our IDE, previously known as AVR Studio® 5. Now, the community of ARM Cortex-M design engineers can take advantage of the same easy-to-use, professional and highly integrated development platform.

Integrated QTouch Composer

Fully integrated into Atmel Studio 6, Atmel QTouch Composer makes it easy to build touch functionality into your design. QTouch Composer is the front-end software used to display and evaluate the data reported from your touch design, making it easy for you to inspect how well your touch implementation performs. With this integration, you can easily and seamlessly develop capacitive touch functionality into your application. You won't need to toggle between different tools to edit the code in Atmel Studio 6 and fine-tune your touch design in QTouch Composer.



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Atmel Software Framework

The Atmel Software Framework contains drivers for all peripherals, communication stacks, graphics, digital signal processing (DSP) and audio libraries, and nearly 1,000 complete example designs. Using free source code from the Atmel Software Framework will accelerate the development of new applications, while lowering your overall costs.

Debugging Made Easy

Atmel Studio 6 connects directly to Atmel debuggers and programmers. One of the biggest advantages of modern MCUs is their ability to send debug data to your PC, giving you a perfect view of what goes on inside. With a debugger connected, Atmel Studio 6 can present the status of all processors, memories, communication interfaces and analog interfaces in nicely formatted views, giving you access to critical system parameters. There simply is no faster way to identify bugs and optimize a design—in the lab or in the field.

To learn more or download Atmel Studio 6 free of charge, visit www.atmel.com/atmelstudio.

Atmel | Enabling Unlimited Possibilities®

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