Sales Bulletin

Date: September 25, 2015

Two Major Tool Releases will take place on September 28th, Atmel Studio 7 and Atmel START

The new Atmel® Studio 7 design software will launch to the general public on September 28th.

The release version will soon be available for download from:

http://www.atmel.com/tools/ATMELSTUDIO.aspx

This release is a major upgrade of our industry-leading integrated development environment (IDE), and contains numerous updates and new features. The main enhancements include:

- Visual Studio shell updated to 2015 version, with full Windows 10 support
- Ability to import Arduino sketches as C++ projects, enabling painless migration path for makers
- Improved contextual help system allows register-level datasheet lookup from within Studio
- Modularized installer (users should only download and install the components they will actually need)
- Full support for the latest Atmel MCU devices, including all public Bluetooth low-energy devices

The new Atmel Studio 7 IDE can be installed in parallel with an existing Studio 6.2 installation, as long as the two versions are not installed in the same directory. However, we strongly suggest upgrading existing installations to this new release, as it contains numerous enhancements and bug fixes made since the last release of Atmel Studio.

Existing projects are 100% compatible with Studio 7.

Atmel START

Atmel START is a new tool that helps users graphically configure and deploy embedded software, low-level drivers, middleware, example applications and, soon, reference solutions.

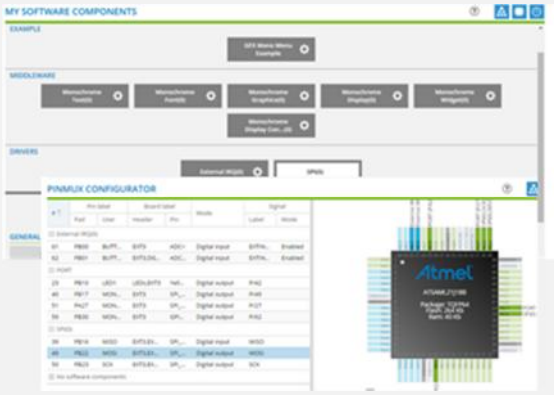
Unlike Studio 7, Atmel START is completely web based; no installation is required. You can access Atmel START at: **http://start.atmel.com**

Atmel START enables developers to get their development started quickly by providing an intuitive, graphical software configuration environment that allows software components to be easily and elegantly selected, integrated and deployed to either a pre-configured development board or the user's own custom board.

The tool also supports graphical configuration of an Atmel AVR® microcontroller's pin-mux, as well as the system clock tree for Atmel® | SMART ARM®-based devices.

At any time in the configuration process, the code that would result from the current setup can be previewed by the user directly in the browser.

Atmel START is designed to be IDE agnostic. Once the software platform is configured, the user is able to generate a project for the IDE with which they prefer to work. At launch, project generation for Atmel Studio, IAR Embedded Workbench and ARM/Keil MDK will be supported



Supported Devices

Atmel START will initially include support for the following device families and development boards.

MCU Devices	*Evaluation boards*
• SAMC20 family	• ATSAMC21-XPRO
• SAMC21 family	• ATSAMD10-XPRO
• SAMD10 family	• ATSAMD20-XPRO
• SAMD11 family	• ATSAMD21-XPRO
• SAMD20 family	• ATSAML21-XPRO
• SAMD21 family	• ATSAML22-XPRO
• SAML21 family	
• SAML22 family	

Following the release, additional devices and boards will be added regularly. Since the tool is web based, it can be continually updated to ensure that issues are resolved quickly and improvements are made available as soon as possible.

Software Generated from Atmel START

The software generated from Atmel START is based on version 4 of the Atmel Software Framework (ASFv4). ASFv4 is a major architectural update to ASF with focus on runtime performance, code size, and readability. For this reason, ASFv4 code is not 100% compatible with previous generations of ASF, including any code delivered by the ASF configuration wizard integrated in Atmel Studio. Previous generations of ASF will continue to be maintained for as long as Atmel still has longevity commitments on parts that we have released on those platforms, but future software development efforts will focus on ASFv4 and Atmel START.