

Installation Guide

Quang Hai Nguyen

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SAMD21 workshop

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Revision History

Revision, Date	Editor	Subject (major changes)
Revision 0.99, 07.01.2020	Quang Hai Nguyen	Preliminary

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List of Icon Identifiers

Table 1: Icon Identifiers List

-  Extra information about a topic
-  Task needs to be done
-  Important information or a warning
-  Result expected to see

Prerequisite

Hardware

- Laptop or PC with Windows 7 or Windows 10
- SAMD21-Xplained-Pro evaluation board (provided during the workshop)
- Extension boards, LEDs, Potential meter, buttons and jumper wires (provided during the workshop)
- Micro USB cable (provided during the workshop)
- Breadboard (provided during the workshop)
- **Internet access without proxy or firewall**

Software

- Terminal program (e.g. TeraTerm)
- Atmel Studio 7 ([link](#))

Installing Atmel Studio



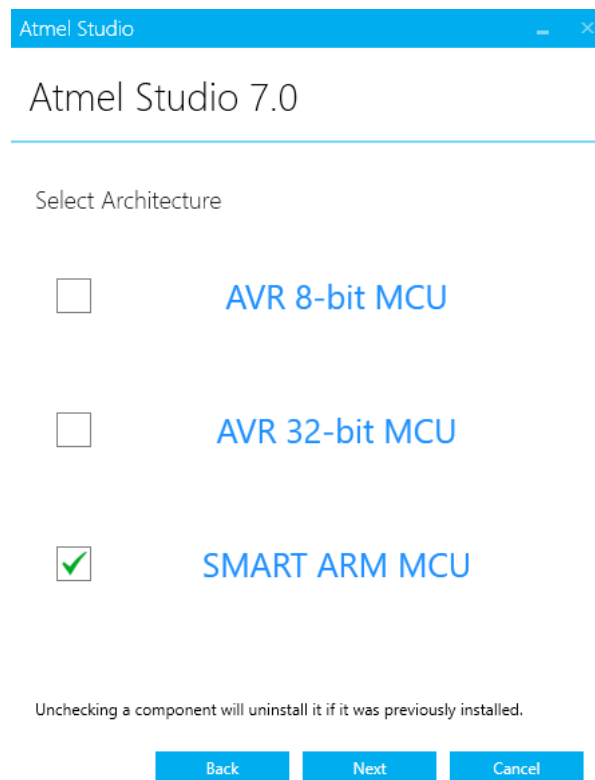
Atmel Studio can be downloaded from [here](#)

Download Atmel Studio from Microchip webpage (offline installer is preferred)

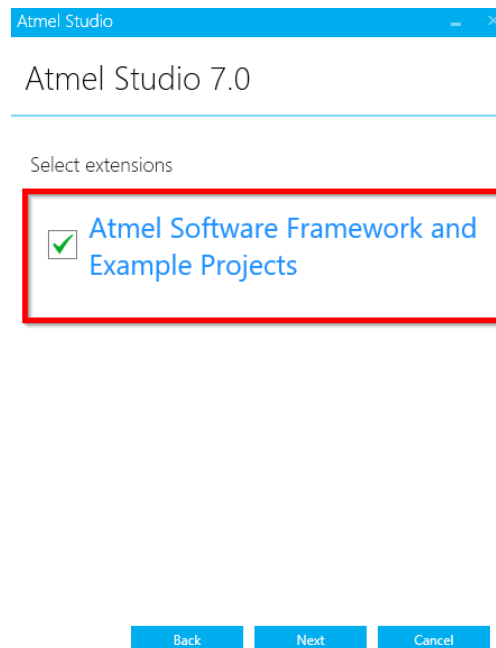
Downloads		Documentation		
Title	Date Published	Size	D/L	
Windows (x86/x64)				
Atmel Studio 7.0 (build 2397) web installer (recommended) - This installer contains Atmel Studio 7.0 with Advanced Software Framework 3.47 and Toolchains. Use this installer if you have Internet access while installing.	October 2019	2.5 MB		
Atmel Studio 7.0 (build 2397) offline installer - This installer contains Atmel Studio 7.0 with Advanced Software Framework 3.47 and Toolchains. Use this installer if you do not have Internet access while installing. SHA1: 8797e8e81ae0438459809fa0552f4f27998e46d1 Version number: 7.0.2397	October 2019	874 MB		
Release Notes				
Atmel Studio 7.0 Release Notes - Release notes for Atmel Studio 7.0.2397	October 2019	377 KB		

Double click on the installer file to start the installation process.

When it is prompted, we choose the option “SMART ARM MCU” since we are working with SAMD21 controller.



Also select “Atmel Software Framework and Example Projects” when it is prompted



Launch Atmel Studio after the installation to make sure that the software is working.

Contact information

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