

# Installation Guide

Quang Hai Nguyen

Revision 0.99, 07.01.2020

## 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 (web installer is preferred)

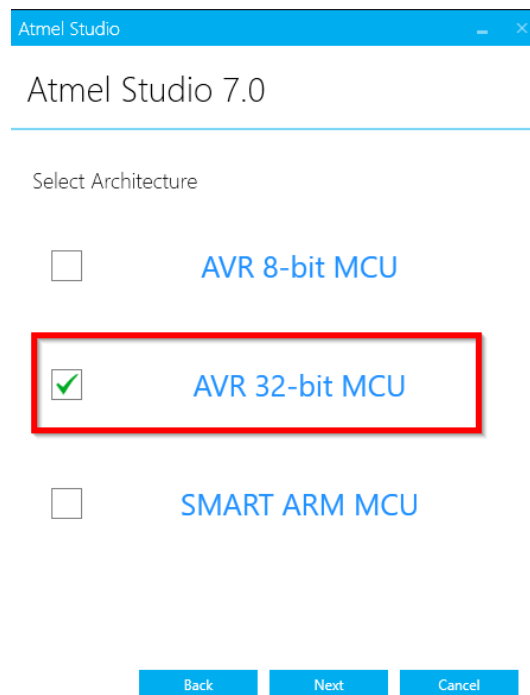
Downloads

Documentation

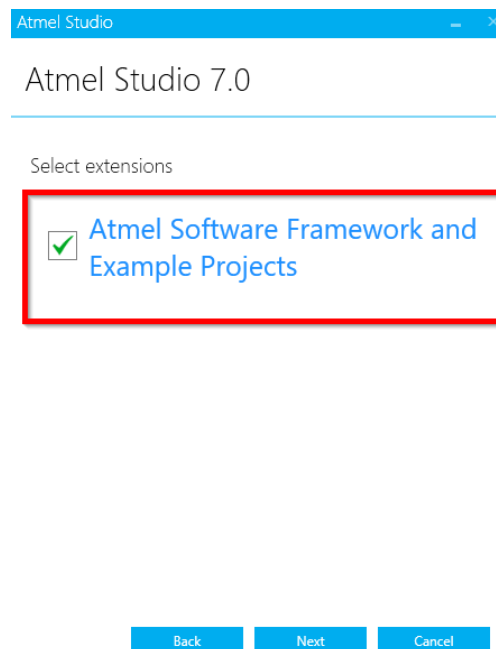
Title	Date Published	Size	D/L
Windows (x86/x64)			
Atmel Studio 7.0 (build 2397) web installer (recommended) - This installer contains Atmel Studio 7.0 with Advanced Software Framework 3.47 and Toolchains. Use this installer if you have Internet access while installing.	October 2019	2.5 MB	
Atmel Studio 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 “AVR 32-bit 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.



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