
AVR QTouch Studio: Important information for release 4.3.1

Atmel's AVR QTouch Studio is a PC application providing near real-time visualization of the QTouch data sent from Atmel's QTouch kits. Using AVR QTouch Studio the user can perform run-time tuning of enabled kits through setting of various QTouch library parameters on the kit. Users can also create their own kit design project to make the visualization identical to their own kit design.

AVR QTouch Studio supports the following kits:

For more information about these and other touch related Atmel products, please visit <http://atmel.com/qtouchsuite>.

For more information about Atmel and Atmel's full product range, please visit <http://www.atmel.com/>.



**8/32-bit AVR[®]
Microcontrollers**

**Important
information for
release 4.3.1**





Installation Instructions

Product name:	AVR QTouch Studio
Release version:	4.3.1
Release date:	2010-10-01

Overview

Atmel's AVR QTouch Studio is a PC application providing near real-time visualization of the QTouch data sent from Atmel's QTouch kits, such as the QT600. Using AVR QTouch Studio the user can perform run-time tuning of enabled kits through setting of various QTouch library parameters on the kit. Users can also create their own kit design project to make the visualization identical to their own kit design.

News

This version of AVR QTouch Studio provides bug fixes to the previous release.

System Requirements

AVR QTouch Studio is supported under the following configurations.

Hardware requirements

- Minimum 1.6 GHz CPU
- Minimum 512 MB RAM
- Minimum 20 - 500 (a) MB free disk space
- Minimum screen resolution of 1024x768

(a) Depends on whether or not Visual Studio Shell 2008 SP1 and .NET 3.5 SP1 is already installed.

AVR QTouch Studio has not been tested on computers with less resources, but may run satisfactorily depending on the user's patience.

Software requirements

- Microsoft Windows XP Service Pack 2 or newer Microsoft Windows installation. Supports both 32-bit and 64-bit Microsoft Windows Vista and Windows 7.
- Microsoft Visual Studio Shell Redistributable Service Pack 1 _or_ Microsoft Visual Studio 2008 SDK Service Pack 1.
- Microsoft .NET 3.5 Service Pack 1.

Note: The .NET 3.5 SP1 installer requires Windows Installer 3.1 or newer - the .NET 3.5 SP1 installer will alert you of this issue. If you get such an error, please refer to the following URL for a description of how to update the windows installer package: <http://support.microsoft.com/kb/893803>

Downloading and Installing

The software can be downloaded from Atmel's website at <http://atmel.com/qtouchsuite>.

Three installers are provided for AVR QTouch Studio containing the following components:

- AVR QTouch Studio only.

- AVR QTouch Studio, including Visual Studio Shell 2008 SP1.
- AVR QTouch Studio, including Visual Studio shell 2008 SP1 and .NET 3.5 SP1.

Please use one of the latter two if you do not have all the requirements installed. Note that the installer containing AVR QTouch Studio and Visual Studio Shell will try to download .NET from the Internet if it's not already installed, i.e. if you use this installer and do not have .NET installed already then you need to be connected to the Internet and be able to download files. If unsure of what installer you should use, simply download the installer containing all three components and the installer will detect and install the necessary components.

Contact Information

For support on AVR QTouch Studio please contact touch@atmel.com.

Disclaimer and Credits

AVR QTouch Studio is distributed free of charge for the purpose of working with Atmel QTouch solutions using AVR microcontrollers. Use for other purposes are not permitted; see the software license agreement for details. AVR QTouch Studio comes without any warranty.

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New and Noteworthy

This chapter lists all the new and noteworthy items for the 4.3.1 release.

Bug fixes

Bug fixes

Various bugs have been fixed.

Known issues

Report #10740: Missing wdapi DLL.

If the Jungo USB driver DLL has been removed from the system (e.g. an application uninstalled previously also removed the Jungo USB driver) then AVR QTouch Studio will fail during start-up with a message indicating that the wdapi DLL file is missing. Re-installing AVR QTouch Studio will fix the issue.

Report #11407: Naming of the AVR_{TS}2080x evaluation boards.

AVR QTouch Studio uses the names EVK2080A and EVK2080B instead of the correct new names AVR_{TS}2080A and AVR_{TS}2080B, respectively, in the help documentation. But, this is only a change of names, the evaluation boards are functionally identical.

Report #11408: Control view required for USB connectivity.

If the Control view is closed then AVR QTouch Studio will stop listening for USB connections and data. Please ensure that the Control View is always open.

Report #11910: Installation fails if restarting computer before completing installation.

If .NET is installed/updated on some platforms (e.g. Windows Vista) as a consequence of running the AVR QTouch Studio installer containing the .NET installer the user will be asked to restart the computer to complete the installation/update. Restarting the computer must be postponed until after the AVR QTouch Studio installer has completed, then a manual restart of the computer can be performed.