

## Microcontrollers

### Touch Solutions

- Touchscreen Controllers
- Buttons, Sliders and Wheels
- Dedicated Touch Devices
- MCUs with Integrated Touch
- [Touch Support for MCUs](#)

### Automotive

### Wireless Connectivity

### Smart Energy

### Memory

### Drivers and Sensors

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## AVRTS2080A

### Overview

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An ideal kit for evaluating the Atmel Touch Library implemented on the ATmega88. It comes preloaded with software for two buttons, one slider, and one rotor and includes a mini-B plug ~1.5m USB2.0 cable. The kit is designed using the QTouch acquisition method. Designers can create and upload other configurations to the kit using of an external programmer such as ATAVRISP mkII or AVR Dragon.

### Get Started

We'll tell you all you need to know to start evaluating and working with this product.

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### Related Items

- » [QTouch](#)
- » [QTouchADC](#)
- » [QMatrix](#)
- » [Capacitive Touch Forum](#)
- » [Technical Support](#)
- » [What's Changed](#)

### Ordering Information

Ordering Code	Atmel Store Availability <sup>1</sup>	Unit Price <sup>2</sup>	Buy Online
ATAVRTS2080A			<a href="#">Check Distributor</a>

<sup>1</sup>Backlog orders can be placed for items currently not available.

<sup>2</sup>Suggested retail price per unit for budgetary use only.

### Software

### Description



#### QTouch Library 4.4

(32263256, updated April 2011)

QTouch Library is a set of pre-compiled binaries for supported AVR and Atmel ARM-based microcontrollers. The library supports both QTouch and QMatrix acquisition methods.



#### QTouch Studio 4.3.1

(16111088, updated October 2010)

This installer contains QTouch Studio only and requires that you have already installed .NET 3.5 Service Pack 1 and Visual Studio Shell (Isolated mode) 2008 Service Pack 1.



#### QTouch Studio 4.3.1 - Visual Studio

(154246904, updated October 2010)

This installer contains QTouch Studio and Visual Studio Shell (Isolated mode) 2008 Service Pack 1. If you are connected to the internet during installation the installer will also download .NET 3.5 Service Pack 1 if needed.



#### QTouch Studio 4.3.1 -Visual Studio + .NET 3.5

(396949008, updated October 2010)

This installer contains QTouch Studio, Visual Studio Shell (Isolated mode) 2008 Service Pack 1 and .NET 3.5 Service Pack 1. Select this installer if you need all three or are unsure of what installer to use.



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### Applications

- Automotive
- Building Automation
- Home Appliances
- Home Entertainment
- Industrial Automation
- Lighting
- Internet of Things (IoT)
- Smart Energy
- Mobile Electronics

### Support

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- Design Consultants

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