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**Atmel Single-Wire Serial EEPROM Evaluation Kit**

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**QUICK START GUIDE**

The Atmel® AT21CSMK100 Serial Electrically Erasable and Programmable Read-Only Memory (EEPROM) Single-Wire Evaluation Kit is an easy-to-use interactive user tool to demonstrate the best in class features, functionality, and low-power operation of the Atmel 1Kbit AT21CS01 and AT21CS11 Single-Wire Serial EEPROM devices. The kit is for engineers, developers, and decision makers to allow for fast system prototyping using the Single-Wire Interface for the AT21CS01 and AT21CS11 products. The easy to use utility is required to setup the Graphical User Interface (GUI) firmware, hardware, and its functions.

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**Step 1** Download and Install the Atmel Single-Wire Serial EEPROM Firmware.

Download located at: [www.atmel.com/tools/AT21CSMK100.aspx](http://www.atmel.com/tools/AT21CSMK100.aspx)

The installation deploys a desktop shortcut. The default location is located at C:\Program Files (x86)\Atmel\Atmel Seeprom, which contains the following directories.

- Atmembase usbdvr – Contains the .inf file for the ATMembase
- Bootloader – Contains the at90usb128-b1-usb-1\_0\_1.hex
- Firmware – Contains the firmware that is associated with the Utility release

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**Step 2** Execute **SEEPROM Utility** using the desktop shortcut.

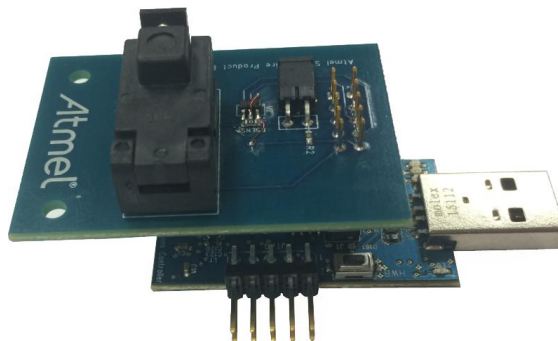
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**Step 3** Plug in the Single-Wire Module USB base board with the Single-Wire personality board.

- ▶ Make sure the Single-Wire daughterboard is plugged into the base board as shown below.
- ▶ The kit contains an AT21CS01 device located on the daughterboard.

Once the SEEPROM Utility has detected the kit with the valid firmware and SEEPROM Single-Wire device, the auto query operation populates the GUI screen.

**Figure 1. AT21CSMK100 Serial EEPROM Single-Wire Evaluation Kit**



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**Step 4** Download the AT21CSMK100 User Guide for detailed instructions.

The complete user guide contains detailed instructions at:  
[www.atmel.com/Images/Atmel-8993-SEEPROM-AT21CSMK100-UserGuide.pdf](http://www.atmel.com/Images/Atmel-8993-SEEPROM-AT21CSMK100-UserGuide.pdf)

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