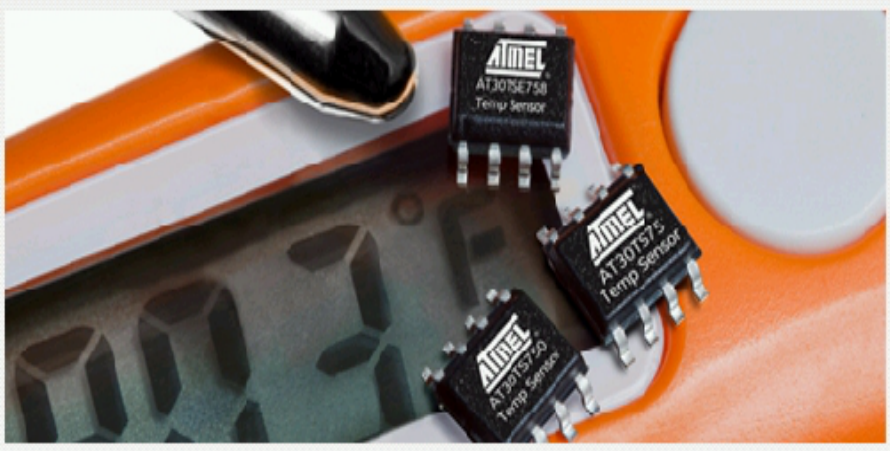
Temperature Sensor Xplained

Microcontrollers
Touch Solutions
Memory
Automotive
Wireless / RF
More Products
- Atmel CryptoAuthentication
- Atmel CryptoRF
- Atmel CryptoMemory
- LED Drivers
- Trusted Platform Module
- Digital Temperature Sensors
- Digital Temperature Sensors
- Analog Companions (PMAAC)
- IR Control
- ASICs for Military/Avionics
- Space Rad-Hard ICs
- FPGA Conversion ULC
- SPLD/CPLD
- Field Programmable Gate Array
- FPGA Configuration Memory
- Telephony
- Power Line Communications

Overview Devices Documents Applications Related Tools



Get Started

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

- Start Now
- Contact Sales
- Request Samples
- Sign-Up for News

Atmel® Temperature Sensor Xplained is a development platform for the Atmel AT30TS750 Family and the Atmel AT30TSE002B Temperature Sensors in embedded design applications. The Temp Sensor Xplained board has been developed to allow fast system prototyping with a wide range of AVR microcontrollers. The software drivers eliminate low-level development to ease and accelerate development. The boards and software are part of the development environment and tool chain for AVR microcontrollers.

Related Items

» Technical Support
» What's Changed

Ordering code: ATAVRTEMPSENSORX

Buy Tool

Check distributor inventory

Software Description

Temperature Sensor Demo Utility x64
(164,902Kb, updated February 2012)
This zip file contains the installers for the 64 bit Windows operating system versions such as Vista 64 or Win 7 64.

This zip file contains the installers for the Labview Runtime Environment and the Virtual Com Port Driver. The driver will recognize devices that appear to the operating system as serial ports, such as the Atmel AT30TK175STK or Atmel ATAVRTEMPSENSORX. The Virtual Com Port information file should be installed first and the serial port should be in the device manager before installing or running the software. Two licenses are presented, one for the Labview Runtime Environment, and one for the National Instruments VISA drivers used to communicate with serial ports.

Temperature Sensor Demo Utility x86
(132,415Kb, updated February 2012)
This zip file contains the installer for the 32 bit Windows operating systems such as Windows XP or Windows 7 32 bit.

This zip file contains the installers for the Labview Runtime Environment and the Virtual Com Port Driver. The driver will recognize devices that appear to the operating system as serial ports, such as the Atmel AT30TK175STK or Atmel ATAVRTEMPSENSORX. The Virtual Com Port information file should be installed first and the serial port should be in the device manager before installing or running the software. Two licenses are presented, one for the Labview Runtime Environment and one for the National Instruments VISA drivers used to communicate with serial ports.

ATAVRTEMPSENSOR Kit Firmware
(37Kb, updated February 2012)

Virtual Com Port Driver .inf File
(2268, updated March 2011)
This INF file instructs the Windows operating system to see the temperature sensor Xplained or the Atmel AT30TK175STK kit as a serial port. It should be inserted in the Windows\INF folder on your operating system.

Note: This installs only instructions for Windows; no executable software is installed.