

Microcontrollers

- AVR 8- and 32-bit MCUs
- SMART ARM-based MCUs
 - SAMA5 MPUs
 - SAM C MCUs
 - SAM D MCUs
 - SAM E MCUs
 - SAM G MCUs
 - SAM L MCUs
 - SAM S MCUs
 - SAM V MCUs
 - SAM3N MCUs
 - SAM3S MCUs
 - SAM4L MCUs
 - SAM4E MCUs
 - SAM4N MCUs
 - SAM4S MCUs
 - SAM3U MCUs
 - SAM3A MCUs
 - SAM3X MCUs
 - SAM7S/SE MCUs
 - SAM7X/XC MCUs
 - SAM9XE MCUs
 - SAM9N/CN MPUs
 - SAM9R MPUs
 - SAM9G MPUs
 - SAM9X MPUs
 - SAM9M MPUs
 - Legacy Products
 - 8051 Architecture

Touch Solutions

Automotive

Wireless Connectivity

Smart Energy

Memory

Drivers and Sensors

Security ICs

Programmable Logic

Analog

Rad Hard

Digital Broadcast

Microcontroller Selector

Home > Products > Microcontrollers > SMART ARM-based MCUs > SAM4S MCUs

SAM4S Xplained

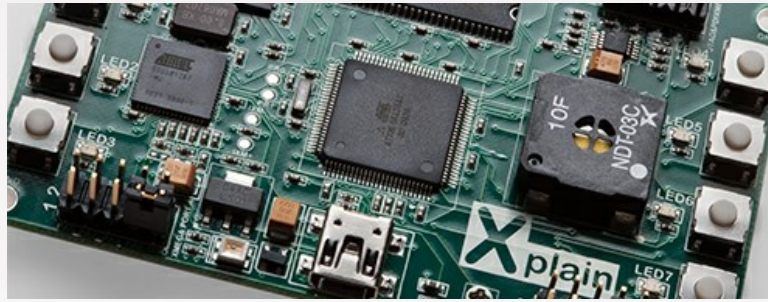
Overview

Devices

Documents

Applications

Related Tools



Buy Now

The SAM4S Xplained kit is the ideal platform for early evaluation of the capabilities offered by the SAM4S Cortex™-M4 processor-based microcontroller. The SAM4S Xplained contains four QTouch® button sensors, LEDs and a USB port. The Xplained expansion headers provide easy access to analog and digital I/O pins. The board is powered by the USB cable and integrates a JTAG emulator with USB interface for programming and debugging.

For more information, please visit the [Online User Guide](#).

Key Features

- SAM4S16C microcontroller
- JTAG emulator for program and debug
- USB connectivity
- Four Atmel QTouch buttons
- External voltage input
- Four LEDs
- Xplained expansion headers
- Footprint for external serial Flash

Ordering Information

Ordering Code	Atmel Store Availability ¹	Unit Price ²	Buy Online
ATSAM4S-XPLD			Check Distributor

¹Backlog orders can be placed for items currently not available.
²Suggested retail price per unit for budgetary use only.



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](#)

Related Items

- » [Third Party Support](#)
- » [University Program](#)
- » [Atmel SMART Knowledge Base](#)
- » [Technical Support](#)
- » [What's Changed](#)



Products

- Microcontrollers
- Touch Solutions
- Automotive
- Wireless Connectivity
- Smart Energy
- Memory
- Drivers and Sensors
- Security ICs
- Programmable Logic
- Analog

Applications

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

Support

- Boards and Kits
- Tools and Software
- Development Tools
- Document Library
- Training
- Support Resources
- Third-Party Tools/Support
- Design Consultants

About

- Corporate
- Press Room
- Contact Atmel
- Investors
- Careers
- Suppliers
- Embedded Design Blog
- Quality
- Compliance

Contact Atmel

- Buy
- Atmel Store FAQs
- Technical Support
- Communities

