

# SAM4S Xplained

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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 code: ATSAM4S-XPLD

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