

SAM L22 Xplained Pro Evaluation Kit

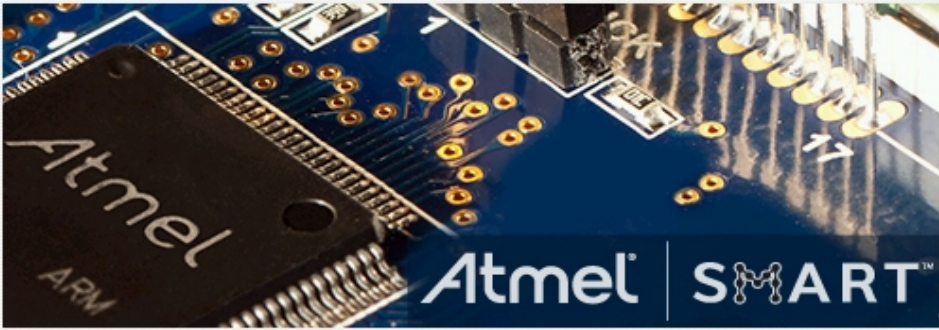
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The Atmel® | SMART SAM L22 Xplained Pro evaluation kit is the ideal for evaluating the ultra-low power Atmel SAM L22 ARM® Cortex®-M0+ microcontroller with a Touch Segment LCD.

The ATSAML22-XPRO-B evaluation kit includes the TSLCD1 Xplained Pro extension board.

Other extension boards to the SAM L22 Xplained Pro can be purchased individually.

Contents : ATSAML22-XPRO-B MCU board; ATTSLCD1-XPRO extension board

Key Features

- **ATSAML22N18A microcontroller**
- **Segment LCD connector**
- **Touch Segment LCD display is included in this kit**
- **One mechanical reset button**
- **One mechanical button for generic user input or tamper simulation**
- **One yellow user LED**
- **One QTouch® button**
- **Backup system with Super Capacitor**
- **ATECC508A Crypto Authentication device**
- **32.768kHz crystal**
- **USB interface, device mode**
- **LDO/Buck regulator mode**
- **Three Xplained Pro extension headers**
- **Embedded Debugger** — Auto-ID for board identification in Atmel Studio. One yellow status LED. One green board power LED. Symbolic debug of complex data types including scope information. Programming and debugging, including power measurement. Data Gateway Interface: SPI, I²C, 4 GPIOs. Virtual COM port (CDC).
- **Embedded current measurement circuitry, with Atmel Data Visualizer support for data visualization**
- **USB powered**
- **Supported with application examples in Atmel Software Framework**

Ordering Information

Ordering Code	Atmel Store Availability ¹	Unit Price ²	Buy Online
ATSAML22-XPRO-B			Add to Cart

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

