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SAM4L8 Xplained Pro Evaluation Kit

Overview

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The SAM4L8 Xplained Pro evaluation kit is ideal for evaluation and prototyping with the SAM4L8 Cortex™-M4 processor-based microcontroller. The SAM4L Xplained Pro board is available as an evaluation kit or starter kit. Extension boards can also be individually purchased.

The ATSAM4L8-XPRO evaluation kit does not include extension boards.

Key Features

- **SAM4LC8CA microcontroller**
- **One mechanical reset button**
- **One mechanical user pushbutton (wake-up, bootloader entry or general purpose)**
- **One QTouch button**
- **One yellow user LED**
- **USB interface, host and device function (shared physical interface)**
- **32.768kHz crystal**
- **12MHz crystal**
- **4 Xplained Pro extension headers**
- **One custom extension header for segment LCD displays**
- **LDO/Buck regulator mode selection**
- **LCD cluster power configuration option**
- **Embedded Debugger**
 - Auto-ID for board identification in Atmel Studio 6.1
 - One yellow status LED
 - One green board power LED
 - Symbolic debug of complex data types including scope information
 - Programming
 - Data Gateway Interface: USART, TWI, 4 GPIOs
 - Virtual COM port (CDC)
- **USB powered**
- **Supported with application examples in Atmel Software Framework**

Ordering code: ATSAM4L8-XPRO

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SoftwareDescription

 **IAR add-on installer for SAM4L**
(version v0.3)



Contents: ATSAM4L8-XPRO MCU board

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