



SAM4N Xplained Pro Evaluation Kit

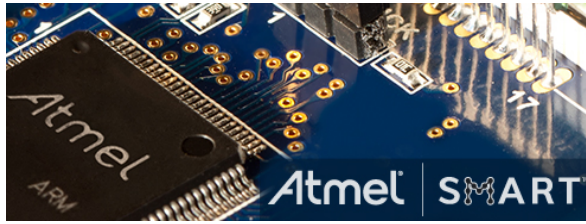
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Atmel® SAM4N Xplained Pro evaluation kit is a hardware platform to evaluate the Atmel ATSAM4N16C microcontroller. Supported by the Atmel Studio integrated development platform, the kit provides easy access to the features of the Atmel SAM4N and explains how to integrate the device in a customer design. Xplained Pro evaluation kits can expand their functionality by connecting Xplained Pro extension kits to them.

The ATSAM4N-XPRO evaluation kit does not include extension boards.

Key Features

- **ATSAM4N16** microcontroller
- **One reset button**
- **One yellow user LED**
- **One user pushbutton** (wake-up, bootloader entry or general purpose)
- **32.768kHz crystal**
- **12MHz crystal**
- **3 Xplained Pro extension headers**
- **3 SPARE signal connector**
- **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 and 4 GPIOs
 - Virtual COM port (CDC)
- **USB powered**
- **Supported with application examples in Atmel Software Framework**

Ordering code: **ATSAM4N-XPRO**

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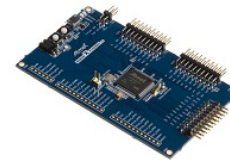
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