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SAM4E Xplained Pro Evaluation Kit

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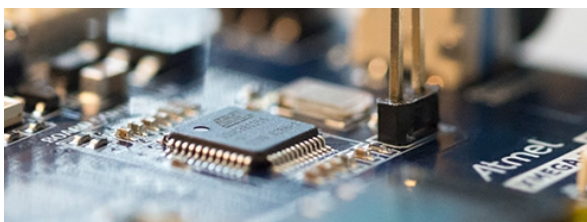
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The SAM4E Xplained Pro evaluation kit is ideal for evaluation and prototyping with the SAM4E Cortex™-M4 processor-based microcontrollers. Extension boards to the SAM4E Xplained Pro can be purchased individually.

The ATSAM4E-XPRO evaluation kit does not include extension boards.

For compatible Xplained Pro extension board please see the Related Tools tab.

Key Features

- SAM4E16E microcontroller
- One mechanical reset button
- One mechanical user pushbutton (wake-up, bootloader entry or general purpose)
- One yellow user LED
- 32.768kHz crystal
- 12MHz crystal
- 10/100 Mbps IEEE 802.3 Ethernet
- CAN 2.0
- Two 512K (8-bit) SRAMs
- 2 Gb (8-bit) NAND Flash
- 3 Xplained Pro extension headers
- Xplained Pro LCD extension 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 and debugging
 - Data Gateway Interface: USART, I²C, 4 GPIOs
 - Virtual COM port (CDC)
- USB powered
- Supported with application examples in Atmel Software Framework

Ordering code: ATSAM4E-XPRO

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Contents: ATSAM4E-XPRO MCU board

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