



SAM G53 Xplained Pro Evaluation Kit

- Microcontrollers**
- AVR 8- and 32-bit MCUs
- SMART ARM-based MCUs
- SAMA5D3 MPUs
- SAM D MCUs
- SAM G MCUs
- SAM3N MCUs
- SAM3S MCUs
- SAM4L MCUs
- SAM4E MCUs
- SAM4N MCUs
- SAM4S MCUs
- SAM3U MCUs
- SAM3A MCUs
- SAM3X MCUs
- SAM7S/SE MCUs
- SAM7X/XC MCUs
- SAM7L MCUs
- SAM9XE MCUs
- SAM9N/CN MPUs
- SAM9R MPUs
- SAM9G MPUs
- SAM9X MPUs
- SAM9M MPUs
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The SAM G53 Xplained Pro evaluation kit is ideal for evaluation and prototyping with the SAM G53 Cortex™-M4 processor-based microcontrollers. Extension boards to the SAM G53 Xplained Pro can be purchased individually.

The ATSAMG53-XPRO evaluation kit does not include extension boards.

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

Key Features

- SAMG53N19A microcontroller
- One mechanical reset button
- One mechanical user pushbutton (wake-up, bootloader entry or general purpose)
- One yellow user LED
- 32.768kHz crystal
- I²C interface for SAM G53 high speed I²C slave
- 3 Xplained Pro extension headers
- 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: UART, I²C, 4 GPIOs
 - Virtual COM port (CDC)
- USB powered
- Supported with application examples in Atmel Software Framework

Ordering code: ATSAMG53-XPRO

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