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SAM G55 Xplained Pro Evaluation Kit

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The SAM G55 Xplained Pro evaluation kit is ideal for evaluation and prototyping with the SAM G55 Cortex™-M4 processor-based microcontrollers. Extension boards to the SAM G55 Xplained Pro can be purchased individually.

The ATSAMG55-XPRO evaluation kit does not include extension boards.

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

Key Features

- **SAMG55J19A microcontroller**
- **Digital IO** — One mechanical user push button, Wake-up, Bootloader entry or General purpose. One reset button. One user LED. Three extension headers. I2C interface header for SAM G55 high speed I2C slave.
- **Three possible power sources** — External power. Embedded debugger USB. Target USB.
- **32.768kHz crystal**
- **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. Data Gateway Interface: UART, I²C, 4 GPIOs. Virtual COM port (CDC).
- **Supported with application examples in Atmel Software Framework**

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