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SAM D20 Xplained Pro Evaluation Kit

Overview

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The SAM D20 Xplained Pro evaluation kit is ideal for evaluation and prototyping with the SAM D20 Cortex™-M0+ processor-based microcontrollers. Extension boards to the SAM D20 Xplained Pro can be purchased individually.

The ATSAMD20-XPRO evaluation kit does not include extension boards.

The SAM D20 Xplained Pro supports the Atmel I/O1 Xplained Pro, OLED1 Xplained Pro, and PROTO1 Xplained Pro extension boards.

Key Features

- SAMD20J18 microcontroller
- One mechanical reset button
- One mechanical user pushbutton (wake-up, bootloader entry or general purpose)
- One yellow user LED
- 32.768kHz crystal
- 3 Xplained Pro extension headers
- Program/debug interface for external targets
- 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: SPI, I²C, 4 GPIOs
 - Virtual COM port (CDC)
- USB powered
- Supported with application examples in Atmel Software Framework

Ordering code: ATSAMD20-XPRO

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