Fully supported by most commonly used debugging tools, the IBDAP kit is able to perform debugging functions like stepping, breakpoints, watch points, and firmware downloads. While debugging's the IBDAP adapter kit's primary use, it can also be used as a general development board with a ARM Cortex M0 processor.

Comes as a fully assembled CMSIS-DAP debugger board, a 2x5-SWD-to-2x10-JTAG adapter and a SWD 2x5 0.05" pitch connector cable.

TECHNICAL DETAILS

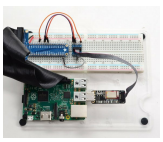
Note: As of Monday, November 30th 2015, we are selling this kit with a longer SWD cable, measuring now at approximately 156mm / 6.1in.

- Schematics
- User Manual
- GitHub repo with ARMstart IBDAP CMSIS code
- A helpful blog post on using with the SAMD21
- NXP LPC11U35FHI33/501 ARM Cortex M0 48Mhz processor
- 64kB Flash
- 12kB RAM
- 2kB EEPROM
- 1 x USART
- 1 x I2C
- 2 x SPI
- 1 x USB2.0
- 8 x ADC(10-bit)
- 26 x GPIO
- Supports mbed programming
- IBDAP board dimensions: 27mm x 51mm x 11mm / 1.1" x 2" x 0.4"
- Adapater board dimensions: 24mm x 43mm x 12mm / 0.9" x 1.7" x 0.5"

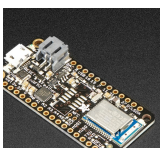
Includes:

- 1 x Armstart IBDAP board
- 1 x 10-pin (0.05") JTAG cable
- 1 x IBDAPC10J20 20-pin (0.1") to 10-pin (0.05") JTAG adapter
- 1 x 2mm Pitch 40-Pin Break-apart Male Header

LEARN



Programming Microcontrollers using OpenOCD on a Raspberry Pi
Native GPIO bit twiddling your way to success



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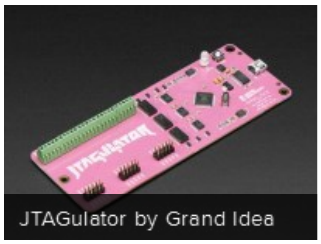
Bootloading Basics

Pulling your processor up by the bootstraps.

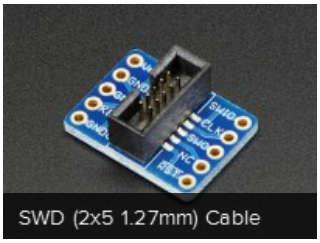
MAY WE ALSO SUGGEST...

JTAG (2x10 2.54mm) to SWD

ST-Link STM8/STM32 v2



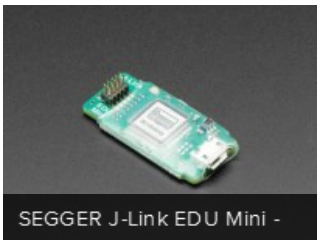
JTAGulator by Grand Idea



SWD (2x5 1.27mm) Cable

SEGGER J-Link BASE -

SEGGER J-Link EDU -



SEGGER J-Link EDU Mini -

Black Magic Probe with

Particle Debugger

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