



# Debug adapter

SKU: 114990118

This adapter is used to convert a number of standard connectors into the debug connector that is used on Bitcraze products.



## 1. Introduction

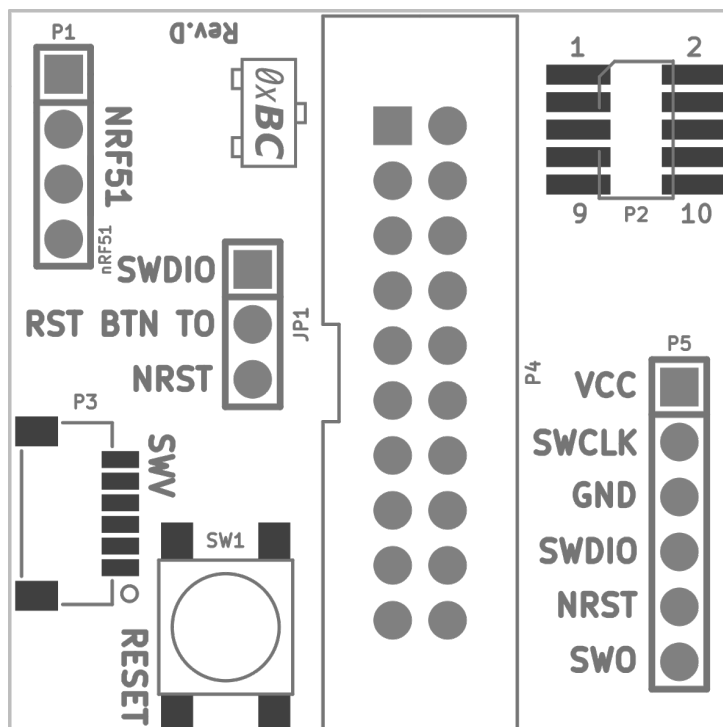
Due to the small size of our platform there are limitations in what connectors we can have and therefore we designed a debug-adaptor kit that makes connecting a debugger to either of the MCUs a lot easier, by converting the connector pinouts to standard JTAG and SWD pinouts.

## 2. Features

- Includes everything needed to easily debug the MCUs (STM32F4 and nRF51)
- Multiple debug pinouts supported (including 20-pin JTAG and 10-pin Cortex debug)

## 3. Electrical specification

- Supported debugger pinouts:
  - Custom pinout that matches ST Discovery board debug interfaces (P5)
  - Standard Cortex SWV debug 2x6 1.27mm (50mil) SWV interface (P2)
  - Standard 2x10 2.54mm (100mil) JTAG interface (P4)
- Has reset button with jumper for reset support on either STM32F4 and nRF51 (SW1)
- Converts to the Bitcraze standard debug connector (P3)



## 4. Package contents

- 1 x Crazyflie 2.X debug adapter
- 1 x nRF51 debug connector
- 1 x Nylon screw and nut for nRF51 debug connector
- 1 x 6-pin debug cable for connecting to the Crazyflie 2.X

## 5. Errata

## 6. Hardware revisions

Revision	Comment
D	Initial release

## 7. History

Version	Comment	Date
1	Initial release	2020-04-01