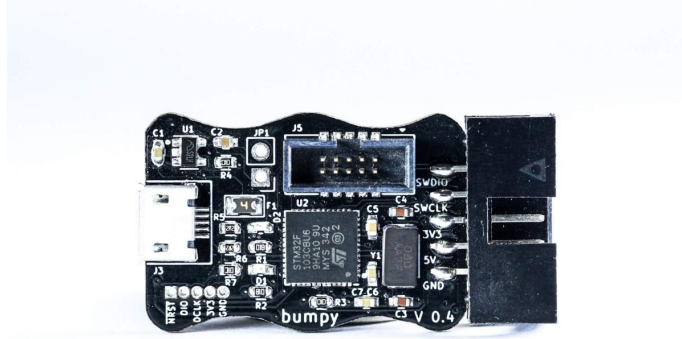


Bumpy

31st July, 2019

Description

Bumpy is an inexpensive, Open Source **Black Magic Probe** open source firmware compatible SWD debugger designed to be used with ARM GDB. It supports various platforms, but was primarily designed for use with Electronut Lab's Nordic Semiconductor nRF BLE boards.



Features

1. Supports programming and debugging ARM Cortex-M and Cortex-A based microcontrollers.
2. Connects to the target processor using Serial Wire Debug (SWD) interface.
3. Provides full debugging functionality.
4. Easy to use with GDB extended remote debugging protocol using GNU debugger.
5. Works with Windows, Linux and Mac environments.

Hardware Specifications

1. STM32F103CBT6 as Black magic probe debugger
2. Micro-USB connector for target
3. Box-connector for SWD pins and Serial RX, TX pins.

Operating Specifications

1. The programming voltages supported is only 3.3V
2. BMP v2.1 supports programming from 1.8V to 5V, v1.0 supports 1.8V to 3.3V

Purchase Info:

Email info@electronut.com for ordering information.

Reference

1. Bumpy documentation: <https://docs.electronut.in/bumpy/>
2. Black Magic Probe firmware repository: <https://github.com/blacksphere/blackmagic/>