

Tools

- [ST-Link V2](#)

ST-Link V2

The ST-Link V2 is a USB Programmer and Debugger für **Single Wire Debugger** compatible controllers, like the Raspberry Pi Pico.

It has the following pins:

Pin	Name	Description
1	RST	Reset pin of the target controller
2	SWCLK	Debug clock (Serial Wire Clock)
3	SWIM	Debug protocoll for STM8
4	SWDIO	Debug data IO
5+6	GND	Ground
7+8	3.3V	3.3 Volt
9+10	5.0V	5.0 Volt