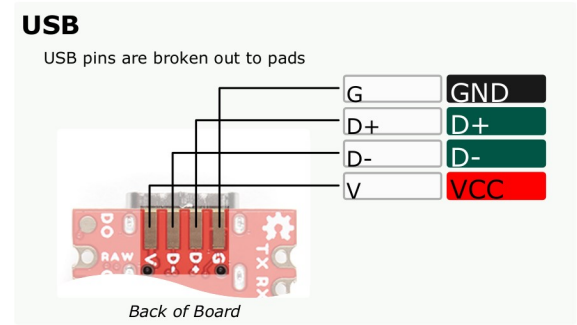
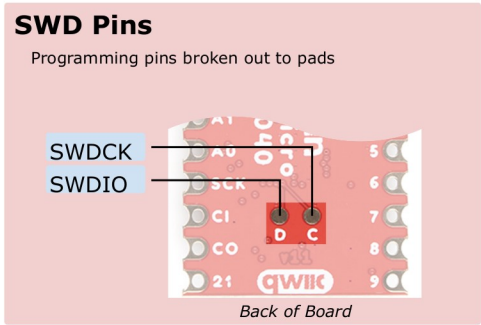
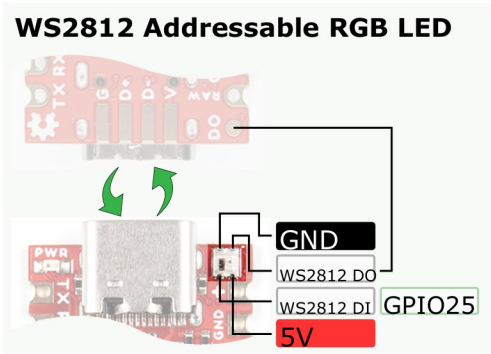
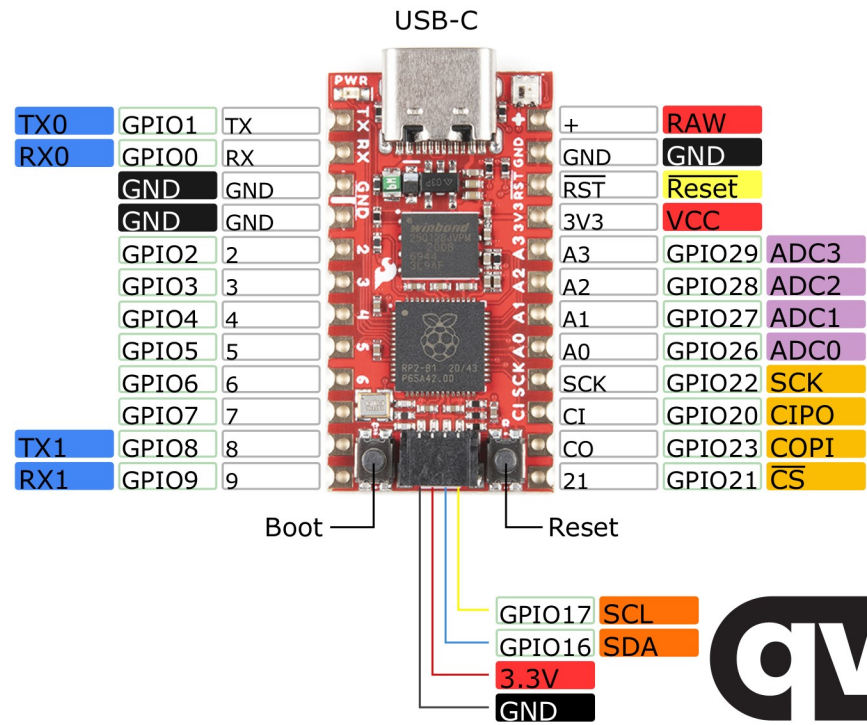


# Pro Micro RP2040

## DEV-17717



Name	ADC
Power	I <sup>2</sup> C
GND	SPI
Control	USB
GPIO	SWD
Serial UART	



**Power**  
"RAW" Pin: 5V Max at ~600mA  
USB: 5V at ~500mA (default), dependent on USB Port  
"3V3" Pin: Regulated 3.3V  
I/O Logic Levels: 3.3V

**USB**  
USB 1.1 Device/Host

**LEDs**  
Power: Red  
WS2812: Addressable RGB [GPIO25]

**RP2040**  
Absolute maximum VCC: 3.3V  
32-bit Dual ARM Cortex M0+ (up to 133MHz)  
ROM: 16kB (fixed at time of silicon is manufactured)  
Internal SRAM: 264kB  
ADC: 12-bit  
PWM: 16-bit

**W25Q128JVPIM**  
External Flash Program Memory: 16MB

**Notes**  
- The pins on the RP2040 can be muxed! For more information on the multiplexed pins, check out "section 1.4.3 GPIO Functions" of the RP2040 datasheet.

