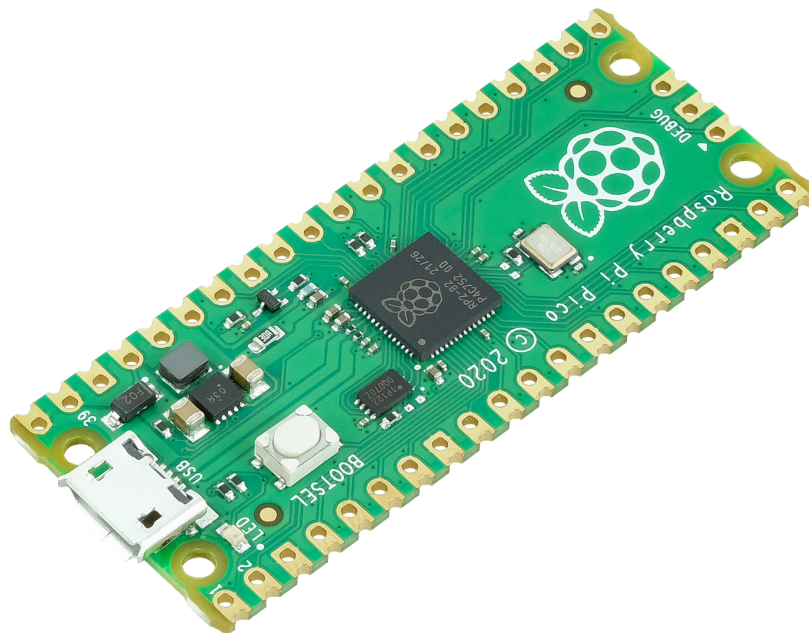


Datasheet RPi Pico

Datasheet

Raspberry Pi Pico

RP2040

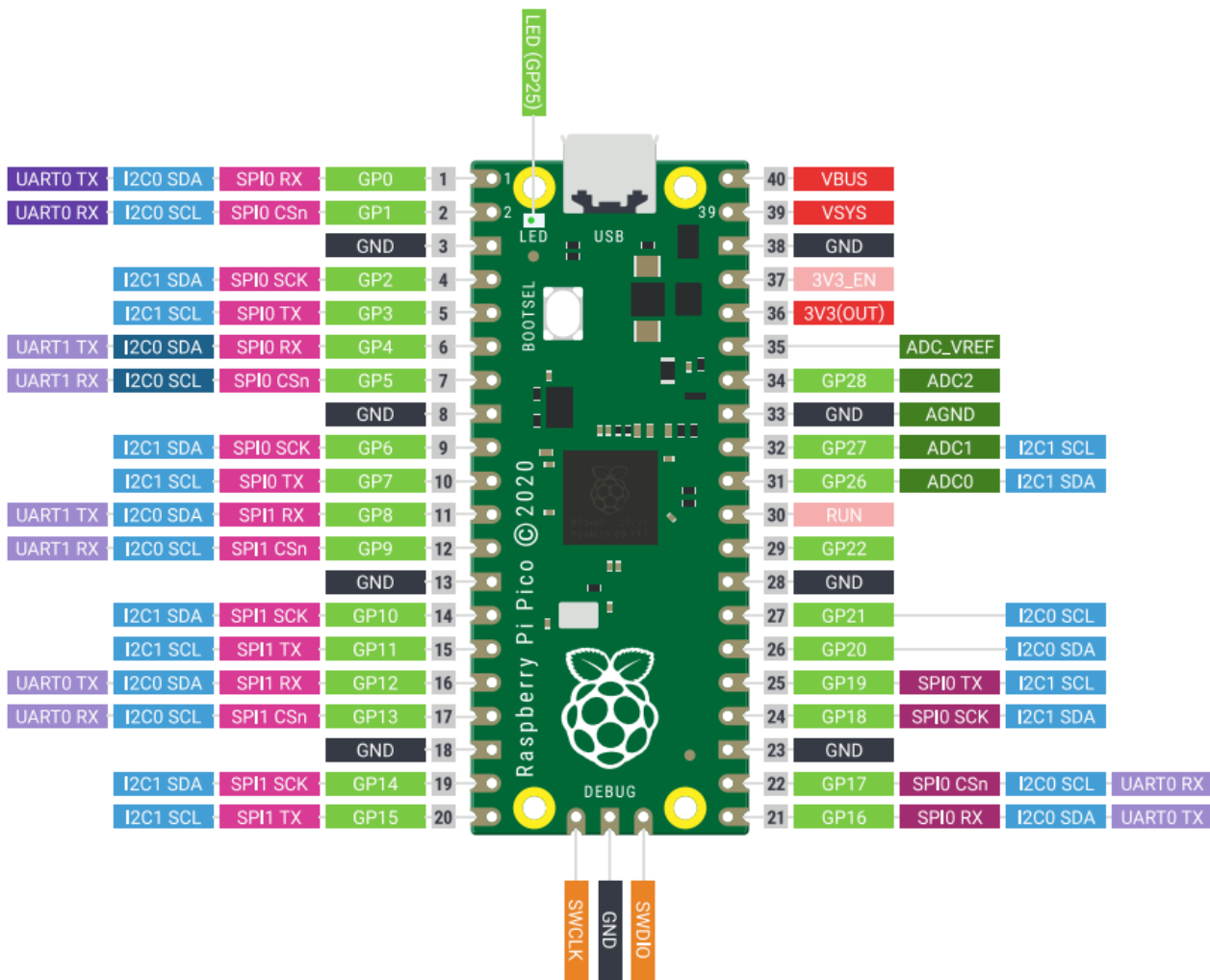


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Specifications

Processor	Dual core cortexM0+ (up to 133MHz)
Flash size	2MB
SRAM	264kB
40 pins	26 GPIOs (3.3V) 23 digital, 3 analog
ADC	12bit 500ksps
Pripherals	2x UART 2x I2C 2x SPI 16 PWM channels

Pinout



■	Power
■	Ground
■	UART / UART (default)
■	GPIO, PIO, and PWM
■	ADC
■	SPI / SPI (default)
■	I2C / I2C (default)
■	System Control
■	Debugging

Reference links

For further information please refer to:

<https://datasheets.raspberrypi.com/pico/pico-datasheet.pdf>

please also see:

<https://www.raspberrypi.com/documentation/microcontrollers/raspberry-pi-pico.html>