Type-C USB

LED GPIO25

LED PWR

BOOT Button

W25Q32

RP2040

12MHz

USR

RST

SWD

WS2812 RGB LED

Type-C USB

LED GPIO25

LED PWR

PPTC

LDO

Boot Key

W25Q32

12MHz

RP2040

WS2812 RGB

USR Key

RST Key

SWD

LED (GP25)   GND

VREF

			GP0
USART0 TX	I2C0 SDA	SPI0 RX	GP0
USART0 RX	I2C0 SCL	SPI0 Sn	GP1
		GND	
	I2C1 SDA	SPI0 SCK	GP2
	I2C1 SCL	SPI0 TX	GP3
USART1 TX	I2C0 SDA	SPI0 RX	GP4
USART1 RX	I2C0 SCL	SPI0 SCn	GP5
		GND	
	I2C1 SDA	SPI0 SCK	GP6
	I2C1 SCL	SPI0 TX	GP7
USART1 TX	I2C0 SDA	SPI1 RX	GP8
USART1 RX	I2C0 SCL	SPI1 CSn	GP9
		GND	
	I2C1 SDA	SPI1 SCK	GP10
	I2C1 SCL	SPI1 TX	GP11
USART0 TX	I2C0 SDA	SPI1 RX	GP12
USART0 RX	I2C0 SCL	SPI1 CSn	GP13
		GND	
	I2C0 SDA	SPI1 SCK	GP14
	I2C0 SCL	SPI1 TX	GP15

Right side:

Vout		
Vin		
GND		
GP23		
3V3		
GP29	ADC3	
GP28	ADC2	
AGND		
GP27	ADC1	I2C1 SCL
GP26	ADC0	I2C1 SDA
RUN		
GP22		
GND		
GP21		I2C0 SCL
GP20		I2C0 SDA
GP19	SPI0 TX	I2C1 SCL
GP18	SPI0 SCK	I2C1 SDA
GND		
GP17	SPI0 CSn	I2C0 SCL	USART0 RX
GP16	SPI0 RX	I2C0 SDA	USART0 TX

BOOT   RST

3V3   GND

SWDIO   SWCLK