Raspberry Pi Pico Pinout

Raspberry Pi

Stecker

zum Display

Stecker

Gelb

zu RS485

Reset

6,8K

BC237

GP14

Orange

Gelb

weis

Rot

Schwarz

Schwarz

Rot

Weis

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LED (GP25)

Raspberry Pi Pico © 2020

USB · LED · BOOTSEL · DEBUG

SWDIO
GND
SWCLK

Pin		Functions
40	VBUS	
39	VSYS	
38	GND	
37	3V3_EN	
36	3V3(OUT)	
35		ADC_VREF
34	GP28	ADC2
33	GND	AGND
32	GP27	ADC1 / I2C1 SCL
31	GP26	ADC0 / I2C1 SDA
30	RUN	
29	GP22	
28	GND	
27	GP21	I2C0 SCL
26	GP20	I2C0 SDA
25	GP19	SPI0 TX / I2C1 SCL
24	GP18	SPI0 SCK / I2C1 SDA
23	GND	
22	GP17	SPI0 CSn / I2C0 SCL / UART0 RX
21	GP16	SPI0 RX / I2C0 SDA / UART0 TX

Pin		Functions
1	GP0	SPI0 RX / I2C0 SDA / UART0 TX
2	GP1	SPI0 CSn / I2C0 SCL / UART0 RX
3	GND	
4	GP2	SPI0 SCK / I2C1 SDA
5	GP3	SPI0 TX / I2C1 SCL
6	GP4	SPI0 RX / I2C0 SDA / UART1 TX
7	GP5	SPI0 CSn / I2C0 SCL / UART1 RX
8	GND	
9	GP6	SPI0 SCK / I2C1 SDA
10	GP7	SPI0 TX / I2C1 SCL
11	GP8	SPI1 RX / I2C0 SDA / UART1 TX
12	GP9	SPI1 CSn / I2C0 SCL / UART1 RX
13	GND	
14	GP10	SPI1 SCK / I2C1 SDA
15	GP11	SPI1 TX / I2C1 SCL
16	GP12	SPI1 RX / I2C0 SDA / UART0 TX
17	GP13	SPI1 CSn / I2C0 SCL / UART0 RX
18	GND	
19	GP14	SPI1 SCK / I2C1 SDA
20	GP15	SPI1 TX / I2C1 SCL

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