Raspberry Pi Pico Pinout

LED (GP25)

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

LED
USB
BOOTSEL

Raspberry Pi Pico © 2020

DEBUG

Left labels	UART	I2C	SPI	GPIO	Pin		Pin	GPIO	ADC	I2C	SPI	UART	Right labels
remote cipo green	UART0 TX	I2C0 SDA	SPI0 RX	GP0	1	1 / 40	VBUS						
	UART0 RX	I2C0 SCL	SPI0 CSn	GP1	2	2 / 39	VSYS						
				GND	3	38	GND						
remote SCK org		I2C1 SDA	SPI0 SCK	GP2	4	37	3V3_EN						
remote copi blu		I2C1 SCL	SPI0 TX	GP3	5	36	3V3(OUT)				thermo Amp/ min,max adjust buttons
OLED	UART1 TX	I2C0 SDA	SPI0 RX	GP4	6	35	ADC_VREF					
OLED	UART1 RX	I2C0 SCL	SPI0 CSn	GP5	7	34	GP28	ADC2			thermocouple output
				GND	8	33	GND	AGND			
remote CSN brw		I2C1 SDA	SPI0 SCK	GP6	9	32	GP27	ADC1	I2C1 SCL		calibrate 220
remote CE red		I2C1 SCL	SPI0 TX	GP7	10	31	GP26	ADC0	I2C1 SDA		pot knob
smoke mode button	UART1 TX	I2C0 SDA	SPI1 RX	GP8	11	30	RUN				
smoke mode LED	UART1 RX	I2C0 SCL	SPI1 CSn	GP9	12	29	GP22				led hot
				GND	13	28	GND				
		I2C1 SDA	SPI1 SCK	GP10	14	27	GP21		I2C0 SCL		led warm
fan transistor		I2C1 SCL	SPI1 TX	GP11	15	26	GP20		I2C0 SDA		led perf warm
max temper adjust button	UART0 TX	I2C0 SDA	SPI1 RX	GP12	16	25	GP19	SPI0 TX	I2C1 SCL		led perf
min termper adjust button	UART0 RX	I2C0 SCL	SPI1 CSn	GP13	17	24	GP18	SPI0 SCK	I2C1 SDA		led perf cool
				GND	18	23	GND				
max adjust LED		I2C1 SDA	SPI1 SCK	GP14	19	22	GP17	SPI0 CSn	I2C0 SCL	UART0 RX	led cool
min adjust LED		I2C1 SCL	SPI1 TX	GP15	20	21	GP16	SPI0 RX	I2C0 SDA	UART0 TX	led cold

SWCLK
GND
SWDIO

Raspberry Pi