

Sheet1

UART	I2C	SPI	GPIO	Pin		Pin	GPIO	ADC / SPI	I2C	UART
UART0 TX	I2C0 SDA	SPI1 RX	GP0	1	USB	40	VBUS +5V			
UART0 RX	I2C0 SCL	SPI1 CS	GP1	2		39	VSYS +1.8...5.5V		VSYS ext over Schottky	
			GND	3		38	GND			
	I2C1 SDA	SPI0 SCK	GP2	4		37	3V3_ENABLE			
	I2C1 SCL	SPI0 TX	GP3	5		36	3V3_OUT			
UART1 TX	I2C0 SDA	SPI0 RX	GP4	6		35		ADC_REF		
UART1 RX	I2C0 SCL	SPI0 CS	GP5	7		34	GP28	ADC2		
			GND	8		33	GND	AGND		
	I2C1 SDA	SPI0 SCK	GP6	9	RASPI PICO	32	GP27	ADC1	I2C1 SCL	
	I2C1 SCL	SPI0 TX	GP7	10		31	GP26	ADC0	I2C1 SDA	
UART1 TX	I2C0 SDA	SPI1 RX	GP8	11		30	RUN (LO = RESET)			
UART1 RX	I2C0 SCL	SPI1 CS	GP9	12	29	GP22				
			GND	13	28	GND				
	I2C1 SDA	SPI1 SCK	GP10	14	27	GP21			I2C0 SCL	
	I2C1 SCL	SPI1 TX	GP11	15	26	GP20			I2C0 SDA	
UART0 TX	I2C0 SDA	SPI1 RX	GP12	16	25	GP19	SPI0 TX	I2C1 SCL		
UART0 RX	I2C0 SCL	SPI1 CS	GP13	17	24	GP18	SPI0 SCK	I2C1 SDA		
			GND	18	23	GND				
	I2C1 SDA	SPI1 SCK	GP14	19	22	GP17	SPI0 CS	I2C0 SCL	UART0 RX	
	I2C1 SCL	SPI1 TX	GP15	20	21	GP16	SPI0 RX	I2C0 SDA	UART0 TX	

GP25 = LED