µESP32 pinout diagram.

Left side

Battery Voltage Divider (1/2)	Onboard LED	Touch Pin	Analog Input	Arduino SPI	I2C	UART	SPI	Chip Pin	PWM	PCB Label
										VUSB
										VEXT
										VBAT
										BGND
	(LED)	Touch2	ADC2_2	CS			HSPI_WP	GPIO2		2
(divider)		Touch0	ADC2_0				HSPI_HD	GPIO4		4
			ADC2_1					GPIO0		0
							V_SPI_CS0	GPIO5		5
				SCK			V_SPI_CLK	GPIO18		18
				MOSI			V_SPI_D	GPIO23		23
				MISO		CTS	V_SPI_Q	GPIO19		19
					SCL	RTS	V_SPI_WP	GPIO22		22
						RX		U0RXD		3
						TX		U0TXD		1
					SDA		V_SPI_HD	GPIO21		21
										VCC
										GND

Right side

PCB Label	PWM	Chip Pin	Analog Input	SPI	Touch Pin	I2S	Onboard RGB LED
GND							
VEXT							
15		GPIO15	ADC2_3	HSPI_CS0	Touch3		
13		GPIO13	ADC2_4	HSPI_ID	Touch4		Green
12		GPIO12	ADC2_5	HSPI_Q	Touch5		Red
14		GPIO14	ADC2_6	HSPI_CLK	Touch6		Blue
27		GPIO27	ADC2_7		Touch7		
26		GPIO26	ADC2_9			DAC2	
25		GPIO25	ADC2_8			DAC1	
33		GPIO33	ADC1_5		Touch8		
32		GPIO32	ADC1_4		Touch9		
35		GPIO35	ADC1_7				
34		GPIO34	ADC1_6				
RST		RESET					
39		SEN_VN	ADC1_3				
36		SEN_VP	ADC1_0				
GND							