Adafruit ESP32-S3 Feather

https://www.adafruit.com/product/5323

Power
GND
Control
CircuitPython Name
GPIO
Power Domain
ADC
HS/QSPI
Touch
Debug
Other

			GND			
			VSENSOR	I2C_POWER		
		SDA	GPIO3	RTC	ADC1 CH2	T3
		SCL	GPIO4	RTC	ADC1 CH3	T4

GND
VBAT

VBAT
EN
VBUS

U1RXD	ADC2 CH7	RTC	GPIO18	A0
U1TXD	ADC2 CH6	RTC	GPIO17	A1
XTAL_32K_N	U0CTS	ADC2 CH5	RTC	GPIO16	A2
XTAL_32K_P	U0RTS	ADC2 CH4	RTC	GPIO15	A3
T14	FSPIWP	ADC2 CH3	RTC	GPIO14	A4
T8	ADC1 CH7	RTC	GPIO8	A5
FSPICLK	SPI/CPU	GPIO36	SCK
FSPID	SPI/CPU	GPIO35	MOSI
FSPIQ	SPI/CPU	GPIO37	MISO
FSPIWP	CPU	GPIO38	RX
MTCK	CPU	GPIO39	TX
	TXD0

D13	GPIO13	RTC	ADC2 CH2	FSPIQ	T13
D12	GPIO12	RTC	ADC2 CH1	FSPICLK	T12
D11	GPIO11	RTC	ADC2 CH0	FSPID	T11
D10	GPIO10	RTC	ADC1 CH9	FSPICS0	T10
D9	GPIO9	RTC	ADC1 CH8	FSPIHD	T9
D6	GPIO6	RTC	ADC1 CH5	T6
D5	GPIO5	RTC	ADC1 CH4	T5
SCL	GPIO4	RTC	ADC1 CH3	T4
SDA	GPIO3	RTC	ADC1 CH2	T3

RESET
3.3V
3.3V
GND

| RTC | GPIO0 | BUTTON |

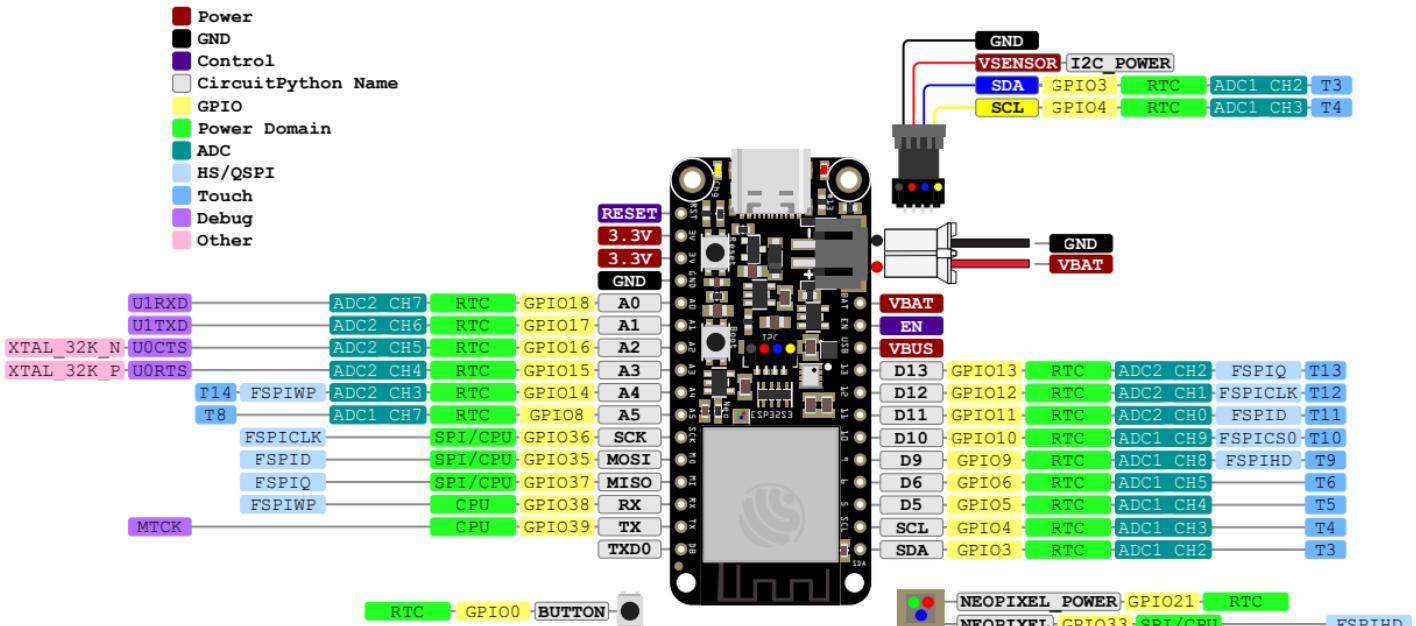| | NEOPIXEL POWER | GPIO21 | RTC |
| | NEOPIXEL | GPIO33 | SPI/CPU | FSPIHD |

⚠️ For low power usage, manually cut power to the STEMMA QT port completely by setting GPIO 7 (I2C_POWER) to an output and LOW. This will disable power to the pullup resistors and connector.