Adafruit ESP32-S3 TFT Feather

https://www.adafruit.com/product/5483

Legend:
- ■ Power
- ■ GND
- ■ Control
- □ CircuitPython Name
- ■ GPIO
- ■ Power Domain
- ■ ADC
- ■ HS/QSPI
- ■ Touch
- ■ Debug
- ■ Other

RTC · GPIO0 · BUTTON

NEOPIXEL · GPIO33 · SPI/CPU · FSPIHD
NEOPIXEL_POWER · GPIO34 · SPI/CPU · FSPICS0

RESET
3.3V
3.3V
GND

GND
VBAT

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		
T2	ADC1_CH1	RTC	GPIO2	RX		
T1	ADC1_CH0	RTC	GPIO1	TX		
				TXD0		

VBAT
EN
VBUS

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	GPIO41	CPU			MTDI
SDA	GPIO42	CPU			MTMS

DISPLAY

TFT_I2C_POWER	GPIO21	RTC		
TFT_CS	GPIO7	RTC	ADC1_CH6	T7
TFT_DC	GPIO39	CPU	MTCK	
TFT_RESET	GPIO40	CPU	MTDO	
TFT_BACKLIGHT	GPIO45	CPU		

GND
VSENSOR
SDA · GPIO42 · CPU · MTMS
SCL · GPIO41 · CPU · MTDI

Feather TFT
ESP32-S3