Adafruit ESP32-S3 Reverse TFT Feather

https://www.adafruit.com/product/5691

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

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

GND	VBAT

RESET						
3.3V						
3.3V						
GND						
VBAT						
EN						
VBUS						

DAC_2	U1RXD	ADC2 CH7	RTC	GPIO18	A0
DAC_1	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

Display

TFT_I2C POWER	GPIO7	RTC	ADC1 CH6		T7
TFT_CS	GPIO42	CPU		MTMS
TFT_DC	GPIO40	CPU		MTDO
TFT_RESET	GPIO41	CPU		MTDI
TFT_BACKLIGHT	GPIO45	CPU	

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