

| | | |
|------|--------|-----|
| ADC0 | GPIO36 | SVP |
| ADC3 | GPIO39 | SUN |

| | | | |
|--------|-------|--------|----|
| TOUCH3 | ADC13 | GPIO15 | 15 |
| | ADC7 | GPIO35 | 35 |
| TOUCH9 | ADC4 | GPIO32 | 32 |
| TOUCH8 | ADC5 | GPIO33 | 33 |
| DAC1 | ADC18 | GPIO25 | 25 |
| TOUCH6 | ADC16 | GPIO14 | 14 |
| TOUCH4 | ADC14 | GPIO13 | 13 |
| TOUCH2 | ADC12 | GPIO02 | 2 |

| | |
|------|----|
| MOSI | 27 |
| SCLK | 5 |
| CS | 18 |
| DIO | 26 |
| RST | 23 |
| MISO | 19 |

LORA GPIO38

RST

NEO GPS

| | |
|-----------|----|
| ESP32(RX) | |
| TX | 34 |
| RX | 12 |
| ESP32(TX) | |

LED Introduction:

LED1---Charging Indicator

LED2---GPS Working Indicator

ESP32 TTGO T-Beam V1.1

| | | |
|----------|-----------|--------------|
| TXD | GPIO01 | Serial TX |
| RXD | GPIO03 | Serial RX |
| 23 | VSPL/MOSI | |
| 4 | GPIO4 | ADC10 TOUCH0 |
| 0 | GPIO00 | ADC11 TOUCH1 |
| 6ND | | |
| DCDC1 | | |
| 6ND | | |
| 21 | Wire_SDA | |
| 22 | Wire_SCL | |
| 3V3 | | |
| Lore_I01 | | |
| Lore_I02 | | |

Power Introduction:
Programmable power supply



AXP192

18650 Battery

| | |
|---------|---------|
| ■ Name | ■ BAT |
| ■ GND | ■ ADC |
| ■ GPIO | ■ DAC |
| ■ I2C | ■ SPI |
| ■ Other | ■ Touch |