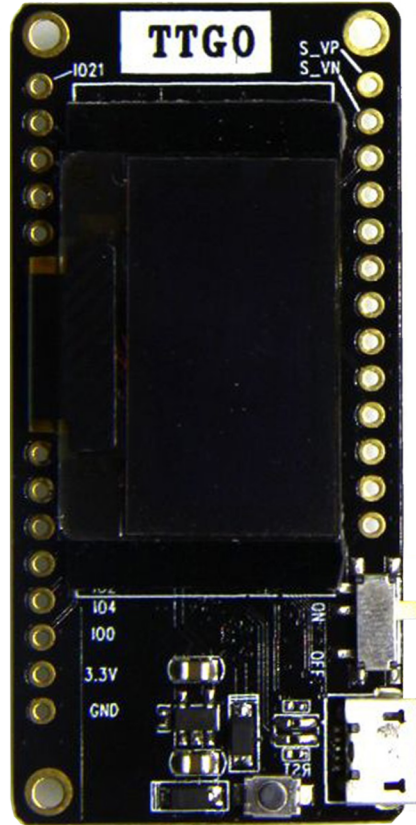


# TTGO LoRa32 V2.0 Pinout

OLED-SDA	V_SPL_HD	GPIO21	SDA	21
	UO_tXD	GPIO01	CLX3	TXD
	UO_RXD	GPIO03	CLX2	RXD
OLED-SCL	V_SPL_WP	GPIO22	SCL	22
LoRa_MISO	UO_CTS	V_SPL_Q	GPIO19	19
		LoRa_DIO2		
		LoRa_DIO1		
LoRa_DIO0	DAC1	ADC2_9	GPIO26	26
		V_SPL_D	GPIO23	23
LoRa_CS	V_SPL_CLK	GPIO18	18	
LoRa_SCK	V_SPL_CS0	GPIO5	5	
SD_DATA3	TOUCH4	ADC2_4	GPIO13	13
SD_CMD	TOUCH3	HSPL_CS0	ADC2_3	GPIO15
SD_DATA0	TOUCH2	HSPL_WP	ADC2_2	GPIO2
SD_DATA1	TOUCH0	HSPL_HD	ADC2_0	GPIO4
	TOUCH1	ADC2_1	GPIO0	0
		GPIO0	CLX1	0
			3-3V	
			GND	



36	S_VP	GPIO36	ADC1_0*
39	S_VN	GPIO39	ADC1_3*
EN/RST	LoRa_RST		
34	GPIO34	ADC1_6*	
35	GPIO35	ADC1_7*	
32	XTAL32	GPIO32	ADC1_4*
33	XTAL33	GPIO33	ADC1_5*
25	GPIO25	ADC2_8*	DAC2
27	GPIO27	ADC2_7*	TOUCH7
14	GPIO14	ADC2_6*	TOUCH6
12	GPIO12	ADC2_5*	TOUCH5
	GND		SD_DATA2
	5V		

dat1	SD_DATA1	GPIO4
dat0	SD_DATA0	GPIO2
vss		
clk	SD_CLK	GPIO14
vdd		
cmd	SD_CMD	GPIO15
dat3	SD_DATA3	GPIO13
dat2	SD_DATA2	GPIO12

Absolute MAX 12mA per pin, recommended 6mA.  
 GPIO 34-39 are input only.  
 Note that LoRa Reset is not connected to any GPIO,  
 but is hard-wired to the ESP32 Chip Enable (EN) pin.