ESP32 – SPARKFUN ESP32 THING



	RESISTOR EXTERNO		INPUT_
PORTA	PULL-DOWN	PULL-UP	PULLUP
0	X	X	X
1 (tx)	X	X	X
2	OK	OK	OK
3 (rx)	OK	OK	OK
4	OK	OK	OK
5	OK	OK	OK
12	X	X	OK
13 até 19	OK	OK	OK
21 até 23	ОК	OK	OK
25 até 27	OK	OK	OK
32 e 33	OK	OK	OK
34 até 39	OK	OK	X

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ESP32 – HELTEC WiFi LoRa

	RESISTOR EXTERNO		INPUT_
PORTA	PULL-DOWN	PULL-UP	PULLUP
0	X	X	X
1 (tx)	X	X	X
2	OK	ОК	ОК
3 (rx)	OK	OK	OK
4	OK	ОК	OK
5	OK	OK	OK
12	X	X	ОК
13 até 18	OK	OK	OK
19	OK	OK	X
21 até 23	OK	OK	OK
25	OK	OK	OK
26	OK	OK	X
27	OK	OK	ОК
32 até 39	ОК	OK	X



ESP32 – NodeMCU-32S

	RESISTOR EXTERNO		INPUT_
PORTA	PULL-DOWN	PULL-UP	PULLUP
1 (tx0)	X	X	X
2	ОК	OK	X
3 (rx0)	OK	OK	OK
4	OK	OK	OK
5	OK	OK	OK
12	X	X	OK
13 até 15	OK	OK	OK
16 (rx2)	OK	OK	OK
17 (tx2)	X	X	X
18 e 19	OK	OK	OK
21 até 23	OK	OK	ОК
25 até 27	OK	OK	OK
32 e 33	OK	OK	OK
34 e 35	OK	OK	X

ESP32 – NodeMCU-32S



	RESISTOR EXTERNO		INPUT_
PORTA	PULL-DOWN	PULL-UP	PULLUP
1 (TX)	X	X	X
2	ОК	OK	OK
3 (RX)	X	X	X
4 e 5	ОК	OK	OK
7 e 8	X	X	X
12	X	X	OK
13 até 19	OK	OK	OK
21 até 23	ОК	OK	OK
25 até 27	OK	OK	OK
32 e 33	OK	OK	OK
34 e 35	OK	OK	X
36 e 39	OK	OK	X

NodeMCU-32S **① PINOUT** 3.3V GND **GPI023** ADC0 GPIO36 I2C SCL **GPI022** GPIO39 ADC3 GPI01 ADC6 GPIO34 WIFI ESP-WROOM-32 RX0 GPI03 ADC7 GPIO35 12C SDA TOUCH9 ADC4 GPIO32 R 211-16107 TOUCH8 ADC5 GPIO33 VSPI MISO FCC ID:2AC7Z-ESPWROOM32 ADC18 GPIO25 VSPI SCK GPIO18 ADC19 GPIO26 VSPI SS GPI05 DODDDDDDDDD TOUCH7 ADC17 GPIO27 **GPI017** SPI CLK TOUCH6 ADC16 GPIO14 RX2 **GPIO16** GPIO12 TOUCH5 ADC15 ADC10 TOUCH0 GND ADC11 TOUCH1 GPI00 TOUCH2 TOUCH4 ADC14 GPIO13 ADC12 GPI02 RX1 GPI09 ADC13 TOUCH3 **GPIO15** TX1 **GPIO10** GPIO11