

Name	No.	Type ^a	Function
GND	1	P	GND
3V3	2	P	Power supply
EN	3	I	High: on, enables the chip. Low: off, the chip powers off. Note: Do not leave the EN pin floating.
IO4	4	I/O/T	RTC_GPIO4, GPIO4 , TOUCH4, ADC1_CH3
IO5	5	I/O/T	RTC_GPIO5, GPIO5 , TOUCH5, ADC1_CH4
IO6	6	I/O/T	RTC_GPIO6, GPIO6 , TOUCH6, ADC1_CH5
IO7	7	I/O/T	RTC_GPIO7, GPIO7 , TOUCH7, ADC1_CH6
IO15	8	I/O/T	RTC_GPIO15, GPIO15 , U0RTS, ADC2_CH4, XTAL_32K_P
IO16	9	I/O/T	RTC_GPIO16, GPIO16 , U0CTS, ADC2_CH5, XTAL_32K_N
IO17	10	I/O/T	RTC_GPIO17, GPIO17 , U1TXD, ADC2_CH6
IO18	11	I/O/T	RTC_GPIO18, GPIO18 , U1RXD, ADC2_CH7, CLK_OUT3
IO8	12	I/O/T	RTC_GPIO8, GPIO8 , TOUCH8, ADC1_CH7, SUBSPICS1
IO19	13	I/O/T	RTC_GPIO19, GPIO19, U1RTS, ADC2_CH8, CLK_OUT2, USB_D-
IO20	14	I/O/T	RTC_GPIO20, GPIO20, U1CTS, ADC2_CH9, CLK_OUT1, USB_D+
IO3	15	I/O/T	RTC_GPIO3, GPIO3 , TOUCH3, ADC1_CH2
IO46	16	I/O/T	GPIO46
IO9	17	I/O/T	RTC_GPIO9, GPIO9 , TOUCH9, ADC1_CH8, FSPIHD, SUBSPIHD
IO10	18	I/O/T	RTC_GPIO10, GPIO10 , TOUCH10, ADC1_CH9, FSPICS0, FSPIIO4, SUBSPICS0
IO11	19	I/O/T	RTC_GPIO11, GPIO11 , TOUCH11, ADC2_CH0, FSPID, FSPIIO5, SUBSPID
IO12	20	I/O/T	RTC_GPIO12, GPIO12 , TOUCH12, ADC2_CH1, FSPICLK, FSPIIO6, SUBSPICLK
IO13	21	I/O/T	RTC_GPIO13, GPIO13 , TOUCH13, ADC2_CH2, FSPIQ, FSPIIO7, SUBSPIQ
IO14	22	I/O/T	RTC_GPIO14, GPIO14 , TOUCH14, ADC2_CH3, FSPIWP, FSPIDQS, SUBSPIWP
IO21	23	I/O/T	RTC_GPIO21, GPIO21
IO47 ^c	24	I/O/T	SPICLK_P_DIFF, GPIO47 , SUBSPICLK_P_DIFF
IO48 ^c	25	I/O/T	SPICLK_N_DIFF, GPIO48 , SUBSPICLK_N_DIFF
IO45	26	I/O/T	GPIO45
IO0	27	I/O/T	RTC_GPIO0, GPIO0
IO35 ^b	28	I/O/T	SPIIO6, GPIO35 , FSPID, SUBSPID
IO36 ^b	29	I/O/T	SPIIO7, GPIO36 , FSPICLK, SUBSPICLK
IO37 ^b	30	I/O/T	SPIDQS, GPIO37 , FSPIQ, SUBSPIQ
IO38	31	I/O/T	GPIO38 , FSPIWP, SUBSPIWP

Name	No.	Type ^a	Function
IO39	32	I/O/T	MTCK , GPIO39, CLK_OUT3, SUBSPICS1
IO40	33	I/O/T	MTDO , GPIO40, CLK_OUT2
IO41	34	I/O/T	MTDI , GPIO41, CLK_OUT1
IO42	35	I/O/T	MTMS , GPIO42
RXD0	36	I/O/T	UORXD , GPIO44, CLK_OUT2
TXD0	37	I/O/T	UOTXD , GPIO43, CLK_OUT1
IO2	38	I/O/T	RTC_GPIO2, GPIO2 , TOUCH2, ADC1_CH1
IO1	39	I/O/T	RTC_GPIO1, GPIO1 , TOUCH1, ADC1_CH0
GND	40	P	GND
EPAD	41	P	GND