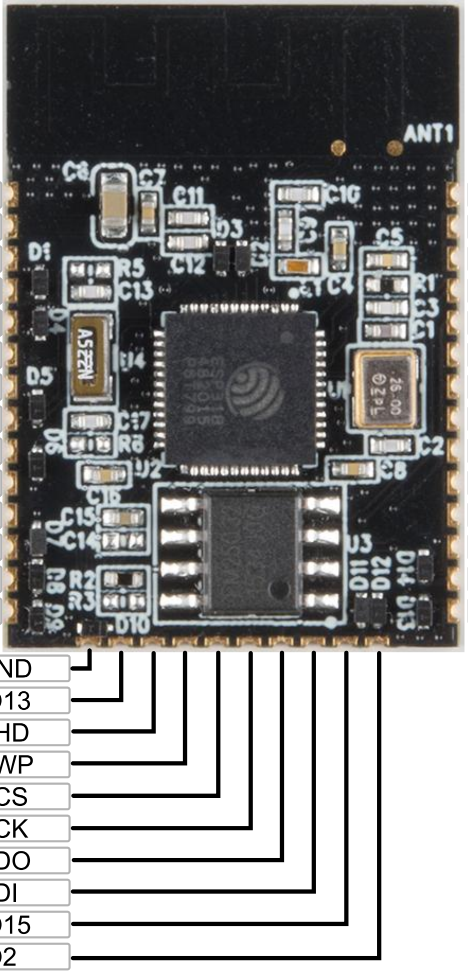
Name | Power | GND | GPIO | ADC | Serial | Touch | SDIO | JTAG | Misc



				GND	GND
				3.3V	3V3
				Enable	EN
		ADC-H	1:0	36	SENSOR-VP
		ADC-H	1:3	39	SENSOR-VN
			1:6	34	IO34
			1:7	35	IO35
	XTAL-32K-P	9	1:4	32	IO32
	XTAL-32K-N	8	1:5	33	IO33
		DAC1	2:8	25	IO25
		DAC2	2:9	26	IO26
		7	2:7	27	IO27
HSPICLK	MTMS	6	2:6	14	IO14
HSPIQ	MTDI	5	2:5	12	IO12

IO0	0	2:1	1	CLK-OUT1
IO4	4	2:0	0	HSPIHD
IO16	16	HS1-DATA4		
IO17	17	HS1-DATA5		
IO5	5	VSPICS0	HS1-DATA6	
IO18	18	VSPICLK	HS1-DATA7	
IO19	19	VSPIQ	HS2-DATA2	
IO20	20	VSPID	HS2-DATA3	
IO21	21	VSPIHD	HS2-CMD	
RXD	3	U0RXD	HS2-DATA0	CLK-OUT2
TXD	1	U0TXD	HS2-DATA1	CLK-OUT3
IO22	22	VSPIWP	HS2-CLK	
IO23	23			
GND	GND			

					GND	GND
HSPID	MTCK	4	U0CTS	2:4	13	IO13
		SPIHD	DATA2	U1RXD	9	SHD
		SPIWP	DATA3	U1TXD	10	SWP
		SPICS0	CMD	U1RTS	11	SCS
		SPICLK	CLK	U1CTS	6	SCK
			SPIQ	DATA0	7	SDO
			SPID	DATA1	8	SDI
HSPICS0	MTDO	3	U0RTS	2:3	15	IO15
		HSPIWP	2	2:3	2	IO2

Motor PWM: Any GPIO - Four channels of 16-bit timers to generate PWM waveforms.

LED PWM: Any GPIO - 8 independent channels running at 80MHz clock