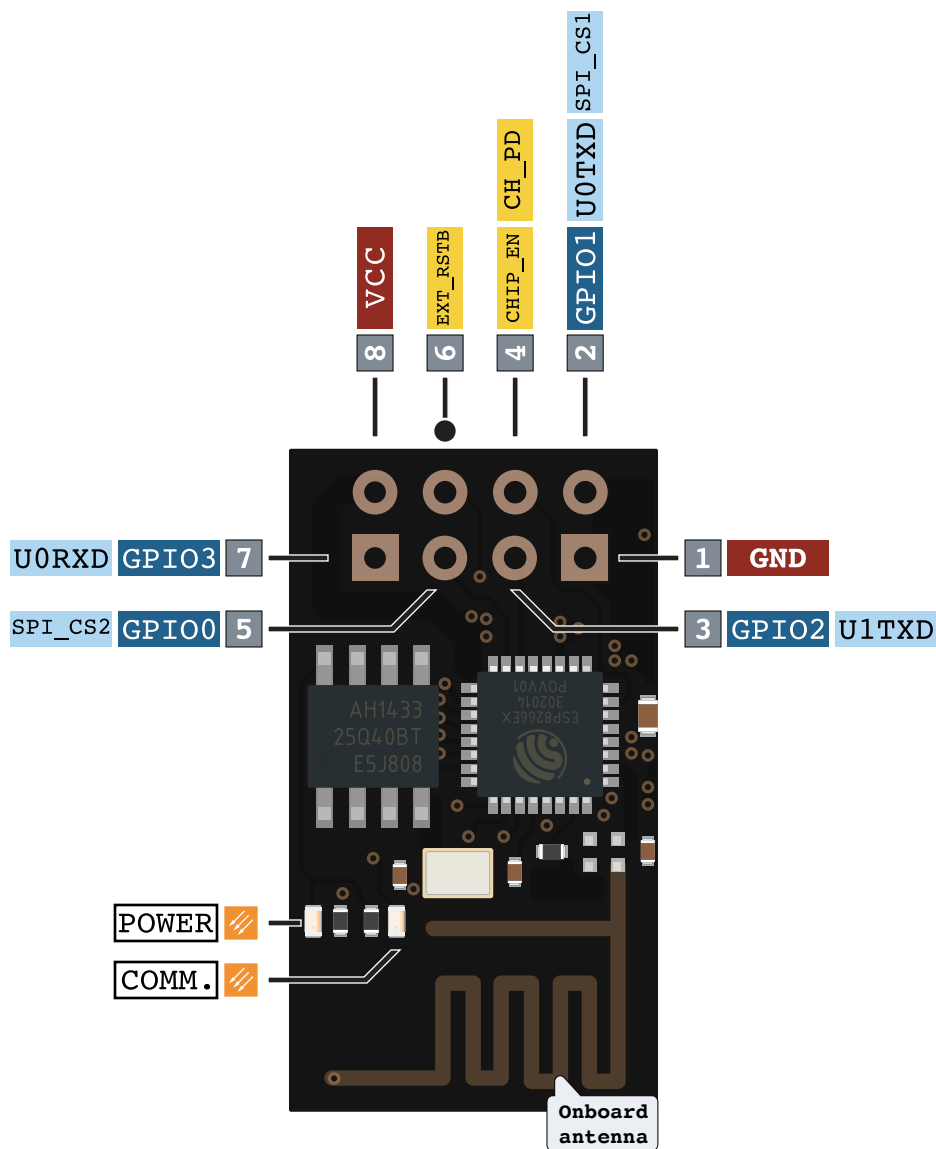


ESP-01

PINOUT

NOTES:

- ⚠ Typ. pin current 6mA (Max. 12mA)
- ⚠ For sleep mode, connect GPIO16 and EXT_RSTB. On wakeup, GPIO16 will output LOW for system reset.
- ⚠ On boot/reset/wakeup, keep GPIO15 LOW and GPIO2 HIGH.



 POWER	 SP. FUNCTION(S)
 I/O	 COMM. INTERFACE
 ADC	 PIN NUMBER
 CONTROL	 PWM
 N/C	

ESP-01

REFERENCE

Module Pin	IC Pin	Name	Useful notes (cf. datasheet for details)
1	3,4	VDD3P3	3.3VDC Power
2	26	U0TXD	UART0 Tx (flash programming)
3	14	GPIO2	UART1 Tx
4	7	CHIP_EN	Active high enable pin (Low: small current)
5	15	GPIO0	–
6	32	EXT_RSTB	Active low external reset signal
7	25	U0RXD	UART0 Rx (flash programming)
8	PAD	GND	Ground

Full datasheet: <https://acrobotic.com/datasheets/esp8266>