ESP-01 Module Pinout
ALL EM/F SAME AS ESP8266 DataSheet

ESP-01
PINOUT

ACROBOTIC
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Pin labels (top, left to right): VCC 8 | EXT_RSTB 6 | CHIP_EN CH_PD 4 | GPIO1 U0TXD SPI_CS1 2

Left side: U0RXD GPIO3 7 | SPI_CS2 GPIO0 5

Right side: 1 GND | 3 GPIO2 U1TXD

POWER
COMM.

Onboard antenna

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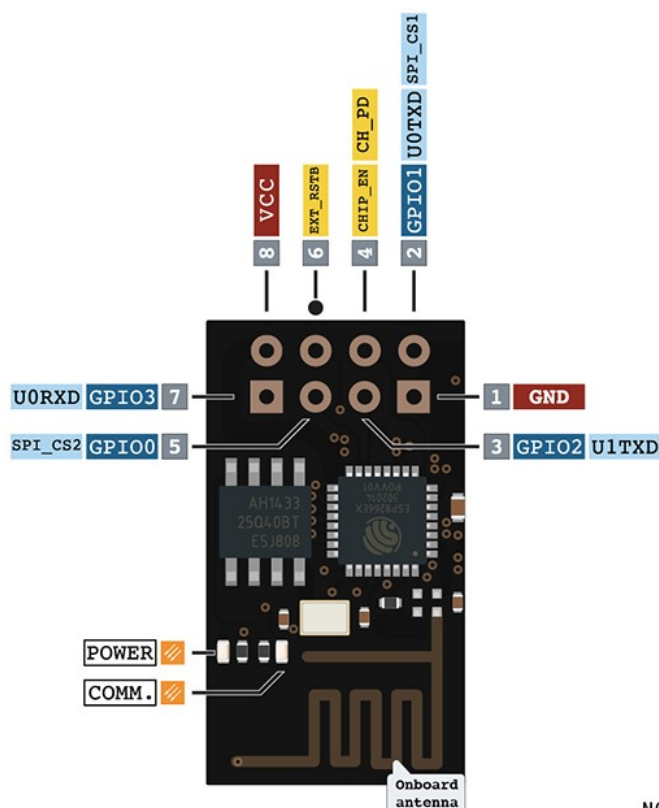
POWER		SP. FUNCTION(S)	
I/O		COMM. INTERFACE	
ADC		PIN NUMBER	
CONTROL		PWM	
N/C			

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.