

ESP8266 (ESP01, ESP01-S)

De ESP8266 is een goedkope microprocessor met Wi-Fi mogelijkheid en een volledige TCP/IP stack. De ESP8266 is ontwikkeld en wordt geproduceerd door de Chinese fabrikant Espressif Systems uit Shanghai.

[esp01-esp01s.jpg](#)

[ESP-01-ESP8266-pinout-gpio-pin.png](#)

ESP8266 Pin Configuration

Pin Number	Pin Name	Alternate Name	Normally used for	Alternate purpose
1	Ground	-	Connected to the ground of the circuit	-
2	TX	GPIO - 1	Connected to Rx pin of programmer/uC to upload program	Can act as a General purpose Input/output pin when not used as TX
3	GPIO-2	-	General purpose Input/output pin	-
4	CH_EN	-	Chip Enable - Active high	-
5	GPIO - 0	Flash	General purpose Input/output pin	Takes module into serial programming when held low during start up
6	Reset	-	Resets the module	-
7	RX	GPIO - 3	General purpose Input/output pin	Can act as a General purpose Input/output pin when not used as RX
8	Vcc	-	Connect to +3.3V only	

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