

# 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	<b>Ground</b>	-	Connected to the ground of the circuit	-
2	<b>TX</b>	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	<b>GPIO-2</b>	-	General purpose Input/output pin	-
4	<b>CH_EN</b>	-	Chip Enable - Active high	-
5	<b>GPIO - 0</b>	Flash	General purpose Input/output pin	Takes module into serial programming when held low during start up
6	<b>Reset</b>	-	Resets the module	-
7	<b>RX</b>	GPIO - 3	General purpose Input/output pin	Can act as a General purpose Input/output pin when not used as RX
8	<b>Vcc</b>	-	Connect to +3.3V only	

# Shop

AliExpress

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